



भारत का राजपत्र The Gazette of India

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सं० ३७] नई दिल्ली, शनिवार, सितम्बर ९, २००० (भाद्रपद १८, १९२२)
No. 37] NEW DELHI, SATURDAY, SEPTEMBER 9, 2000 (BHADRA 18, 1922)

[इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 9th September 2000

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and Aminidivi Islands.

Telegraphic address "PATENTOFIC"
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Fax No. 044 490 1492.

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Building, 5th, 6th & 7th
Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"
Phone No. 247 4401
Fax No. 033 247 3851.

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कलकत्ता, दिनांक 9 सितम्बर 2000

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चैन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टांकी इस्टेट,
तीसरा तल, लोवर परले (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोंया राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
नगर क्षेत्र नगर हवेली ।

तार पता - "पेटेंटॉफिस"

फोन : 482 5092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,

नगर क्षेत्र, अन्तर्गत भवन,

महामन्त्री मार्ग, कलकत्ता नगर,

दिल्ली 110 005.

हरियाणा, हिमाचल प्रदेश, अण्डम
नगर कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
और संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटॉफिक"

फोन : 578 2532 फैक्स : 011576 6204

पेटेंट कार्यालय शाखा,

चिन सी (सी-4, ए),

तीसरा तल, राजाजी रोड, बसन्त नगर,
चैन्नई-600090 ।

अण्डम प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनीकाय
तथा पण्डिचेरी द्वीप ।

तार पता - "पेटेंटॉफिस"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय)

निजाम पैलेस, द्वितीय अदालती कार्यालय

भवन 5, 6 तथा 7वां तल,

224/4, आर्माद पदवीय कोम, नगर

कलकत्ता-700 020.

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित
की जावदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण
किये जायेंगे ।

नोट : पेटेंट का अदायगी या नौ नकद की जाएगी अथवा
जहां उपयुक्त कार्यालय अब स्थित है, उस स्थान के अनुसूचित बैंक
में निर्यक्त की भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की
जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/A, ACHARYA JAGADISH BOSE RD.,
CALCUTTA-700 020.

The dated shown in the present bracketed are the dated claim
ed under section 135, under Patent Act, 1970

4-7-2000

377/Cal/2000. Johnson & Johnson Vision Care, Inc. UV
radiation system having materials for selectively
attenuating radiation. (Convention No.(s) 60/
143, 608 filed on 13-7-99 and 09/315,191 filed on
29-2-2000 in U.S.A.).

378/Cal/2000. Subhani Sayeed. Tampining tool extraction
device.

5-7-2000

379/Cal/2000. Thomson Licensing S.A. Method and appa-
ratus for automatically setting time information in
a multi-format television product. (Convention
No. 50/144,424 filed on 16-7-99 and 09/475,446
filed on 30-12-99 in U.S.A.).

380/Cal/2000. McNeill-PPC, Inc. A nonwoven fabric having
a club section. (Divided out of No. 103/Cal/
95 dated 29-8-95).

381/Cal/2000. Leopard Corporation. Shoe having ventilat-
ing arrangement and method and apparatus for
manufacturing the shoe.

6-7-2000

382/Cal/2000. LG Electronics Inc. Cooking apparatus
equipped with infrared ray sensor. Divided out
of No. 1292/Cal/95 dated 24-10-95.

383/Cal/2000. Therakos Inc. Method and system for de-
termining an effective amount of light energy to
deliver to fields having targets for the light
energy. (Convention No. 09/350 134 filed on
9-7-99 in U.S.A.).

7-7-2000

384/Cal/2000. Prof. Pal Chaudhuri. Animal. Ca-Encom-
pression.

385/Cal/2000. Metallgesellschaft Aktiengesellschaft. Process
for the gas-liquid distillation of residual oils.
(Convention No. 199503875 filed on 10-12-99 in
Germany).

386/Cal/2000. Metallgesellschaft Aktiengesellschaft. Appa-
ratus for the thermal treatment of granular solids.
(Convention No. 199437780 filed on 17-9-99 in
Germany).

387/Cal/2000. Indian Institute of Technology. Tea produc-
tion technology for non-traditional areas.

10-7-2000

- 388/Cal/2000. Sarma Diganta. Dynamic penetration and shear test apparatus.
- 389/Cal/2000. Breat, S. L. method and corresponding apparatus for the production of honeycombs for beekeeping. (Convention No. 9901689 filed on 27-7-99 in Spain).
- 390/Cal/2000. Fibreguide Ltd. Yarn treatment Jet. (Convention No. 9917069.8 filed on 22-7-99 in United Kingdom).
- 391/Cal/2000. Electronics Research and Development Centre of India, Jessop and Company Ltd. and Ministry of Information Technology, Govt. of India. A barrage view system for wireless remote control operation of barrage gates.
- 392/Cal/2000. Graf & CIE AG. Device and method for cleaning all-steel sawtooth arrangements. (Convention No. 19932679.7 filed on 13-7-99 in Germany).
- 393/Cal/2000. GRAF & CIE AG. Device for processing a card clothing. (Convention No. 19932690.8 filed on 13-7-99 in Germany).
- 394/Cal/2000. Johnson & Johnson Medical, Inc. A method of making a liquid repellent sterilizable material. (Divided out of No. 1340/Cal/95 dated 30-10-95).
- 395/Cal/2000. Hindustan Controls and Equipment Pvt. Ltd. Gyro shaker.

11-7-2000

- 396/Cal/2000. Mitsubishi Polyester Film GmbH. White, biaxially oriented polyester film with cycloolefin copolymer (COC), process for producing the film, and its use. (Convention No. 19932384.4 filed on 14-7-99 in Germany).
- 397/Cal/2000. Purzel Pharmaceutical Co. Ltd. Method for transferring one or more active ingredients between different phase carriers.

12-7-2000

- 398/Cal/2000. Newcom Holdings Pty. Ltd. Communication method and apparatus improvements.

13-7-2000

- 399/Cal/2000. HU Hugo. Automated precision liquid metering apparatus using injectors as metering devices.
- 400/Cal/2000. AIWA Co. Ltd. Communication control method and communication terminal unit capable of limiting connection destination of dial up-connection (Convention No. 11-205349 on 19-7-99 in Japan).
- 401/Cal/2000. Newcom Holdings Pty. Ltd. Improvements relating to mobilephones.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING C (C-1 'A'), III FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600 090.

29th May 2000

- 405/Mas/2000. Oxeno Olefinchemie GmbH. Process for carrying out catalytic multiphase reactions in particular vinylations of carboxylic acids. (June 2, 1999; Germany).
- 406/Mas/2000. Valerian D' Almeida, Blanch D' Almeida, Nithyananda Shetty, Joseph D' Almeida, Stany D' Almeida, Reena D' Almeida & Flavy D' Almeida. The Student Information Management System.

30th May 2000

- 407/Mas/2000. Oxeno Olefinchemie GmbH. Process for catalytically carrying out multiphase reactions, in particular hydroformylations. (June 2, 1999; Germany).
- 408/Mas/2000. Lucent Technologies Inc. Macrodiversity control system having macrodiversity mode based on operating category of wireless unit. (June 3, 1999; US).
- 409/Mas/2000. Lucent Technologies Inc. Code assignment in a CDMA wireless system. (June 4, 1999; US).

31st May 2000

- 410/Mas/2000. Veskataramani Vasudevan, Vidya Vasudevan. A novel high rate biogas process for variable organic feedstock.
- 411/Mas/2000. Shri AMM Murugappa Chettiar Research Centre. Process of dyeing using natural dyes for ecofriendly paper.
- 412/Mas/2000. Lucent Technologies Inc. Integrated on-board automated alignment for low distortion amplifier. (June 8, 1999; US).
- 413/Mas/2000. Matsushita Electric Industrial Co. Ltd. Virtual machine system. (June 3 1999; Japan).
- 414/Mas/2000. Silicon Automation Systems Ltd. An efficient DC analyzer of RVJ circuits and a method for the analysis of said circuits.
- 415/Mas/2000. Silicon Automation Systems Ltd. RC multipoint reduction tool in a computing system and the method of reducing the size of RC multipoints.
- 416/Mas/2000. Indian Telephone Industries Ltd. M : N redundancy of switch over for modems and RF converters with transponder and polarization hopping.

1st June 2000

- 417/Mas/2000. Thothathri Sampath Kumar. Improved alkaline zinc batteries.
- 418/Mas/2000. Lucent Technologies Inc. Signalling radio service requirements. (June 8, 1999; Europe).
- 419/Mas/2000. Maschinenfabrik Rieter Ag. Spinning frame with tape-type compression device. (June 2, 1999; Germany).

2nd June 2000

- 420/Mas/2000. Lucent Technologies Inc. Using decoupled power control sub-channel to control reverse-link channel power. (June 11, 1999; US).
- 421/Mas/2000. Lucent Technologies Inc. Wireless communications using circuit-oriented and packet-oriented frame collection/distribution functions. (June 11, 1999; US).
- 422/Mas/2000. Lucent Technologies Inc. Low back haul reactivation delay for high-speed packet data services in CDMA systems. (June 11, 1999; US).
- 423/Mas/2000. Lucent Technologies Inc. Primary transfer for simplex mode forward-link high-speed packet data services in CDMA system. (June 11, 1999; US).
- 424/Mas/2000. PRO-CORD Srl. Chair with synchronized tilting seat and back. (June 4, 1999; Italy).
- 425/Mas/2000. BIC Corporation. A lighter.
- 426/Mas/2000. Dr. Jose Thekkattil. A pressure cooker.

National Phase Application For Patent Under PCT (chapter-1)
Filed From 1/6/2000 to 30/6/2000

National Phase Application No. : IN/PCT/2000/00056.

Date of Receipt : 30 May 2000.

PCT Application No. : PCT/DE99/00030.

Applicant(s) & Inventor(s) : SIEMENS AKTIENGESELLSCHAFT.

Title : A PROCESS AND SYSTEM FOR GENERATING AN INERTING GAS FOR FEEDING INTO A VESSEL, AS WELL AS NUCLEAR INSTALLATION.

Priority No. : 198 00 948.8.

Priority Date : 13 January 1998.

National Phase Application No. : IN/PCT/2000/00057.

Date of Receipt : 02 June 2000.

PCT Application No. : PCT/FR98/02640.

PCT Filing Date : 07 December 1998.

Applicant(s) & Inventor(s) : SIVEL.

Title : DEVICE FOR PACKAGING AND DISPENSING A PRODUCT, WITH A MANUAL PUMP AND AN AIR INTAKE FILTER.

Priority No. : 97/15469.

Priority Date : 08 December 1997.

National Phase Application No. : IN/PCT/2000/00058.

Date of Receipt : 02 June 2000.

PCT Application No. : PCT/US99/26673.

PCT Filing Date : 16 December 1998.

Applicant(s) & Inventor(s) : OWENS CORNING & OTHERS.

Title : ROOF-MOUNTED OXYGEN-FUEL BURNER FOR A GLASS MELTING FURNACE AND PROCESS OF USING THE OXYGEN-FUEL BURNER.

Priority No. : 08/992,136.

Priority Date : 17 December 1997.

National Phase Application No. : IN/PCT/2000/00059.

Date of Receipt : 02 June 2000.

PCT Application No. : PCT/EP98/07954.

PCT Filing Date : 08 December 1998.

Applicant(s) & Inventor(s) : EMITEC GESELLSCHAFT FUR EMISSIONSTECHNOLOGIE MBH.

Title : METAL SHEET WITH THROUGH OPENINGS.

Priority No. : 197 55 354.0.

Priority Date : 12 December 1997.

National Phase Application No. : IN/PCT/2000/00060.

Date of Receipt : 02 June 2000.

PCT Application No. : PCT/FR98/02757.

PCT Filing Date : 17 December 1998.

Applicant(s) & Inventor(s) : VETROTEX FRANCE.

Title : SIZING COMPOSITION FOR GLASS YARNS, PROCESS USING THIS COMPOSITION AND PRODUCTS RESULTING THEREFROM.

Priority No. : 97/15994.

Priority Date : 17 December 1997.

National Phase Application No. : IN/PCT/2000/00061.

Date of Receipt : 05 June 2000.

PCT Application No. : PCT/IE99/00001.

PCT Filing Date : 14 January 1999.

Applicant(s) & Inventor(s) : LOCTITE (R&D) LIMITED & OTHERS.

Title : CURABLE EPOXY-BASED COMPOSITIONS.

Priority No. : 980028.

Priority Date : 16 January 1998.

National Phase Application No. : IN/PCT/2000/00062.

Date of Receipt : 05 June 2000.

PCT Application No. : PCT/EP98/08049.

PCT Filing Date : 22 December 1998.

Applicant(s) & Inventor(s) : NUTRICIA.

Title : FAT BLEND.

Priority No. : 197 57 414.9.

Priority Date : 23 December 1997.

National Phase Application No. : IN/PCT/2000/00063.

Date of Receipt : 05 June 2000.

PCT Application No. : PCT/EP98/08078.

PCT Filing Date : 11 December 1998.

Applicant(s) & Inventor(s) : STERKEL GMBH PINSEL-UND FARBRÖLLERWERK.

Title : PAINT ROLLER AND ITS PRODUCTION PROCESS.

Priority No. : 197 55 533.0.

Priority Date : 13 December 1997.

National Phase Application No. : IN/PCT/2000/00064.

Date of Receipt : 01 June 2000.

PCT Application No. : PCT/US99/20185.

PCT Filing Date : 01 September 1999.

Applicant(s) & Inventor(s) : HENSLEY CHARLES & OTHERS.

Title : METHOD AND COMPOSITION FOR DELIVERING ZINC TO THE NASAL MEMBRANE.

Priority No. : 09/145,042.

Priority Date : 01 September 1998.

National Phase Application No. : IN/PCT/2000/00065.

Date of Receipt : 08 June 2000.

PCT Application No. : PCT/US98/26206.

PCT Filing Date : 12 October 1998.

Applicant(s) & Inventor(s) : NALCO CHEMICAL COMPANY.

Title : IMPROVEMENTS RELATING TO THE BAYER PROCESS.

Priority No. : PP 0849.

Priority Date : 11 December 1997.

National Phase Application No. : IN/PCT/2000/00066.

Date of Receipt : 08 June 2000.

PCT Application No. : PCT/JP98/05798.

PCT Filing Date : 22 December 1998.

Applicant(s) & Inventor(s) : ISHIHARA SANGYO KAI-SHA, LTD.

Title : LITHIUM MANGANATE, PROCESS FOR PRODUCING THE SAME, AND LITHIUM BATTERY USING THE SAME.

Priority No. : 9/365563.

Priority Date : 22 December 1998.

National Phase Application No. : IN/PCT/2000/00067.

Date of Receipt : 09 June 2000.

PCT Application No. : PCT/JP98/05558.

PCT Filing Date : 09 December 2000.

Applicant(s) & Inventor(s) : DAINIPPON INK AND CHEMICALS INC.

Title : OXIME DERIVATIVES AND AGRICULTURAL CHEMICALS INCLUDING THE SAME.

Priority No. : 09/339790.

Priority Date : 10 December 1997.

National Phase Application No. : IN/PCT/2000/00068.

Date of Receipt : 09 June 2000.

PCT Application No. : PCT/EP99/00044.

PCT Filing Date : 07 January 1999.

Applicant(s) & Inventor(s) : EMITEC GESELLSCHAFT FÜR EMISSIONSTECHNOLOGIE MBH.

Title : CATALYTIC CONVERTER FOR A SILENCER OF A SMALL ENGINE.

Priority No. : 198 01 122,9.

Priority Date : 14 January 1998.

National Phase Application No. : IN/PCT/2000/00069.

Date of Receipt : 09 June 2000.

PCT Application No. : PCT/US98/26064.

PCT Filing Date : 09 December 1998.

Applicant(s) & Inventor(s) : BURCH COMPANY.

Title : MULTIPLE BLADE BRUSH-CUTTING MOWER.

Priority No. : 60/069,109.

Priority Date : 09 December 1997.

National Phase Application No. : IN/PCT/2000/00070.

Date of Receipt : 12 June 2000.

PCT Application No. : PCT/US98/26071.

PCT Filing Date : 09 December 1998.

Applicant(s) & Inventor(s) : THOMSON LICENSING S.A.

Title : RECEIVER WITH PARALLEL CORRELATOR FOR ACQUISITION OF SPREAD SPECTRUM DIGITAL TRANSMISSION.

Priority No. : 60/069,345.

Priority Date : 12 December 1997.

National Phase Application No. : IN/PCT/2000/00071.

Date of Receipt : 13 June 2000.

PCT Application No. : PCT/AU98/01026.

PCT Filing Date : 10 December 1998.

Applicant(s) & Inventor(s) : COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION.

Title : AN IMPROVED BULK MATERIAL ANALYSER FOR ON-CONVEYOR BELT ANALYSIS.

Priority No. : PP0830.

Priority Date : 10 December 1997.

National Phase Application No. : IN/PCT/2000/00072.

Date of Receipt : 13 June 2000.

PCT Application No. : PCT/JP99/03401.

PCT Filing Date : 25 June 1999.

Applicant(s) & Inventor(s) : MISAWA HOMES CO. LTD.

Title : SOLAR BATTERY UNIT AND SOLAR BATTERY APPARATUS.

Priority No. : 10-193083.

Priority Date : 08 July 1998.

National Phase Application No. : IN/PCT/2000/00073.

Date of Receipt : 13 June 2000.

PCT Application No. : PCT/US98/25889.

PCT Filing Date : 08 December 1998.

Applicant(s) & Inventor(s) : PHILIPS PETROLEUM COMPANY.

Title : NICKEL DIIMINE CATALYSTS WITH METHYLALUMOXANE AS COCATALYST, METHOD OF POLYMERIZATION OF OLEFINS THEREWITH AND POLYMERS PRODUCED.

Priority No. : 08.994490.

Priority Date : 19 December 1997.

National Phase Application No. : IN/PCT/2000/00074.

Date of Receipt : 14 June 2000.

PCT Application No. : PCT/EP98/080004.

PCT Filing Date : 09 December 1998.

Applicant(s) & Inventor(s) : MERCK PATENT GMBH & LIMERICK LTD.

Title : METHOD AND COMPOSITION FOR COMBATING INSECTS AND VIRUSES TRANSMITTED TO PLANTS THEREBY.

Priority No. : 97122216.1.

Priority Date : 17 December 1997.

National Phase Application No. : IN/PCT/2000/00075.

Date of Receipt : 14 June 2000.

PCT Application No. : PCT/EP98/08034.

PCT Filing Date : 10 December 1998.

Applicant(s) & Inventor(s) : HULSBECK & FURST GMBH & CO. KG

Title : ROTARY LATCH LOCK, ESPECIALLY FOR MOTOR VEHICLES.

Priority No. : 197 55 695,7.

Priority Date : 16 December 1997.

National Phase Application No. : IN/PCT/2000/00076.

Date of Receipt : 14 June 2000.

PCT Application No. : PCT/JP99/06414.

PCT Filing Date : 17 November 1999.

Applicant(s) & Inventor(s) : SODICK CO. LTD. AND KHS-CO. LTD.

Title : ELECTRIC DISCHARGE MACHINING APPARATUS.

Priority No. : H-10-3273.

Priority Date : 17 November 1998.

National Phase Application No. : IN/PCT/2000/00077.

Date of Receipt : 14 June 2000.

PCT Application No. : OCT/US99/25283.

PCT Filing Date : 28 October 1999.

Applicant(s) & Inventor(s) : BRIGGS & STRATTON CORPORATION.

Title : MOUNTING APPARATUS FOR AN ENGINE AND TRANSMISSION.

Priority No. : 09/185,350.

Priority Date : 03 November 1998.

National Phase Application No. : IN/PCT/2000/00078.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/US98/27222.

PCT Filing Date : 22 December 1998.

Applicant(s) & Inventor(s) : MCNEIL-PPC, INC.

Title : MULTI-LAYERED TAMPON COVER.

Priority No. : 08/997,676.

Priority Date : 23 December 1997.

National Phase Application No. : IN/PCT/2000/00079.

Date of Receipt : 16 June 2000.

PCT Application No. : CT/DE98/03621.

PCT Filing Date : 09 December 1998.

Applicant(s) & Inventor(s) : SIEMENS AKTIENGESELLSCHAFT & OTHERS.

Title : ARRANGEMENT FOR COOLING ELECTRICAL SUBASSEMBLIES.

Priority No. : 197 55 944.1.

Priority Date : 16 December 1998.

National Phase Application No. : IN/PCT/2000/00080.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/DE98/03603.

PCT Filing Date : 08 December 1998.

Applicant(s) & Inventor(s) : SIEMENS AKTIENGESELLSCHAFT.

Title : ELECTRICAL CIRCUIT ARRANGEMENT FOR TRANSFORMATION OF MAGNETIC FIELD ENERGY INTO ELECTRICAL FIELD ENERGY.

Priority No. : 197 56 873.4.

Priority Date : 19 December 1997.

National Phase Application No. : IN/PCT/2000/00081.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/EP98/08307.

PCT Filing Date : 17 December 1998.

Applicant(s) & Inventor(s) : SOCIETE EUROPEENNE DES SATELLITES S.A.

Title : METHOD AND APPARATUS FOR DETERMINING CHARACTERISTICS OF COMPONENTS OF A COMMUNICATION CHANNEL UNDER LOAD.

Priority No. : 97 122 421.7.

Priority Date : 18 December 1997.

National Phase Application No. : IN/PCT/2000/00082.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/US99/12020.

PCT Filing Date : 28 May 1999.

Applicant(s) & Inventor(s) : NALCO CHEMICAL COMPANY..

Title : SELECTIVE RETENTION OF FILLING COMPONENTS AND IMPROVED CONTROL OF SHEET PROPERTIES BY ENHANCING ADDITIVE PRETREATMENT.

Priority No. :

Priority Date :

National Phase Application No. : IN/PCT/2000/00083.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/EP98/08306.

PCT Filing Date : 17 December 1998.

Applicant(s) & Inventor(s) : SOCIETE EUROPEENNE DES SATELLITES S.A.

Title : METHOD AND APPARATUS FOR DETERMINING AN OPERATING POINT OF A NON-LINEAR AMPLIFIER OF A COMMUNICATION CHANNEL.

Priority No. : 97122420.9.

Priority Date : 18 December 1997.

National Phase Application No. : IN/PCT/2000/00084.

Date of Receipt : 16 June 2000.

PCT Application No. : PCT/EP99/07669.

PCT Filing Date : 13 October 1999.

Applicant(s) & Inventor(s) : ISOVOLTAOSTERREICHISCHE ISOLERSTOFFWERKE AKTIENGESELLSCHAFT.

Title : METHOD FOR PRODUCING INSULATING TAPES CONTAINING MICA, AND THE UTILIZATION THEREOF.

Priority No. : 98890304.

Priority Date : 16 October 1998.

National Phase Application No. : IN/PCT/2000/00085.

Date of Receipt : 16 June 2000.

PCT Application No. : PC/EP99/07668

PCT Filing Date : 13 October 1999.

Applicant(s) & Inventor(s) : ISOVOLTAOSTERREICHISCHE ISOLERSTOFFWERKE AKTIENGESELLSCHAFT.

Title : METHOD FOR PRODUCING IMPREGNABLE FINE MICA TAPES WITH AN INCORPORATED ACCELERATOR.

Priority No. : 98890305.

Priority Date : 16 October 1998.

National Phase Application No. : IN/PCT/2000/00086.
Date of Receipt : 19 June 2000.
PCT Application No. : POCT/US99/01384.
PCT Filing Date : 21 January 1999.
Applicant(s) & Inventor(s) : NAPRO BIOTHERAPEUTICS, INC.
Title : ALTERNATE METHOD FOR ACYLATING 10-DEACETYLBACCATIN III SELECTIVE AT THE C-10 POSITION.
Priority No. : 09/010,285.
Priority Date : 21 January 1998.

National Phase Application No. : IN/PCT/2000/00087.
Date of Receipt : 19 June 2000.
PCT Application No. : PCT/EP98/08101.
PCT Filing Date : 11 December 1998.
Applicant(s) & Inventor(s) : MERCK PATENT GMBH.
Title : N-PHENYLAMIDE AND N-PYRIDYLAMIDE DERIVATIVES, METHOD OF PREPARING THEM AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM.
Priority No. : 97/16399.
Priority Date : 23 December 1997.

National Phase Application No. : IN/PCT/2000/00088.
Date of Receipt : 19 June 2000.
PCT Application No. : PCT/EP98/081000.
PCT Filing Date : 11 December 1998.
Applicant(s) & Inventor(s) : MERCK PATENT GMBH.
Title : TABLET FOR INSTANT AND PROLONGED RELEASE OF ONE OR MORE ACTIVE SUBSTANCES.
Priority No. : 97/16402.
Priority Date : 23 December 1997.

National Phase Application No. : IN/PCT/2000/00089.
Date of Receipt : 19 June 2000.
PCT Application No. : PCT/US98/27238.
PCT Filing Date : 21 December 1998.
Applicant(s) & Inventor(s) : ELI LILLY AND COMPANY.
Title : BETA-LIPOTROPIN AND USES THEREOF.
Priority No. : 60/068,659.
Priority Date : 23 December 1997.

National Phase Application No. : IN/PCT/2000/00090.
Date of Receipt : 20 June 2000.
PCT Application No. : PCT/KR98/00482.
PCT Filing Date : 29 December 1998.
Applicant(s) & Inventor(s) : PARK, YOUNG SOUL.
Title : THE OUTSOLE OF SHOE, ITS MANUFACTURING METHOD AND ITS MOLDING.
Priority No. : 1997/82345.
Priority Date : 31 December 1998.

National Phase Application No. : IN/PCT/2000/00091.
Date of Receipt : 20 June 2000.
PCT Application No. : PCT/JP99/05566.
PCT Filing Date : 08 October 1999.
Applicant(s) & Inventor(s) : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.
Title : DATA RECORDING AND REPRODUCTION APPARATUS.
Priority No. : 10/287085.
Priority Date : 08 October 1998.

National Phase Application No. : IN/PCT/2000/00092.
Date of Receipt : 20 June 2000.
PCT Application No. : PCT/NO98/00390.
PCT Filing Date : 29 December 1998.
Applicant(s) & Inventor(s) : THE MOBILE MEDIA COMPANY AS.
Title : METHOD FOR REPRESENTING GEOMETRIC SHAPES AND GEOMETRIC STRUCTURES IN COMPUTER GRAPHICS.
Priority No. : 19976159.
Priority Date : 30 December 1997.

National Phase Application No. : IN/PCT/2000/00093.
Date of Receipt : 20 June 2000.
PCT Application No. : PCT/EP00/00078.
PCT Filing Date : 07 January 2000.
Applicant(s) & Inventor(s) : DORMA GMBH + CO. KG.
Title : DOOR CLOSER.
Priority No. : 19901035.8
Priority Date : 14 January 1999.

National Phase Application No. : IN/PCT/2000/00094.
Date of Receipt : 20 June 2000.
PCT Application No. : PC/EP99/07956.
PCT Filing Date : 08 December 1998.
Applicant(s) & Inventor(s) : FUMAPHARM AG.
Title : UTILIZING OF ALKYL HYDROGEN FUMERATES FOR TREATING PSORIASIS, PSORIATIC ARTERITIS, NEURODERMATITIS AND REGIONAL ENTERITIS.
Priority No. : 19814358.3.
Priority Date : 31 March 1998.

National Phase Application No. : IN/PCT/2000/00095.
Date of Receipt : 21 June 2000.
PCT Application No. : PC/US98/27226.
PCT Filing Date : 22 December 1998.
Applicant(s) & Inventor(s) : AMERIGON, INC.
Title : RADIO FREQUENCY ENERGY MANAGEMENT SYSTEM.
Priority No. : 08/997,207.
Priority Date : 23 December 1998.

National Phase Application No. : IN/PCT/2000/00096.
 Date of Receipt : 21 June 2000.
 PCT Application No. : PCT/JP93/00086.
 PCT Filing Date : 13 January 1999.
 Applicant(s) & Inventor(s) : TAKEDA CHEMICAL INDUSTRIES LTD.
 Title : SUSTAINED-RELEASE COMPOSITION, METHOD OF ITS PRODUCTION AND USE THEREOF.
 Priority No. : 10/6412.
 Priority Date : 16 January 1998.

National Phase Application No. : IN/PCT/2000/00097.
 Date of Receipt : 21 June 2000.
 PCT Application No. : PCT/JP98/05852.
 PCT Filing Date : 24 December 1998.
 Applicant(s) & Inventor(s) : NKK CORPORATION.
 Title : REFINING METHOD OF MOLTEN IRON AND SMELTING REDUCTION METHOD FOR PRODUCING MOLTEN IRON.
 Priority No. : 9/368429.
 Priority Date : 26 December 1997.

National Phase Application No. : IN/PCT/2000/00098.
 Date of Receipt : 21 June 2000.
 PCT Application No. : PCT/CH98/00543.
 PCT Filing Date : 17 December 1998.
 Applicant(s) & Inventor(s) : IPT WEINFEDEN AG.
 Title : CONVEYOR SYSTEM.
 Priority No. : 2978/97.
 Priority Date : 29 December 1997.

National Phase Application No. : IN/PCT/2000/00099.
 Date of Receipt : 22 June 2000.
 PCT Application No. : PCT/EP98/08273.
 PCT Filing Date : 18 December 1998.
 Applicant(s) & Inventor(s) : GLAXO GROUP LIMITED.
 Title : TRIAZINE COMPOUNDS FOR TREATMENT OF CNS DISORDER.
 Priority No. : 9726987.7.
 Priority Date : 22 December 1997.

National Phase Application No. : IN/PCT/2000/00100.
 Date of Receipt : 22 June 2000.
 PCT Application No. : PCT/JP99/00020.
 PCT Filing Date : 07 January 1999.
 Applicant(s) & Inventor(s) : MEJI SEIKA KAISHA LTD.
 Title : A COMPOSITION COMPRISING A CRYSTALLOGRAPHICALLY STABLE, AMORPHOUS CEPHALOSPORIN AND PROCESSES FOR THE PREPARATION THEREOF.
 Priority No. : 10/1920.
 Priority Date : 07 January 1998.

National Phase Application No. : IN/PCT/2000/00101.
 Date of Receipt : 23 June 2000.
 PCT Application No. : PCT/AU98/01031.
 PCT Filing Date : 14 December 1998.
 Applicant(s) & Inventor(s) : THE UNIVERSITY OF QUEENSLAND & OTHERS.
 Title : NOVEL SURFACE PROTEIN NEISSERIA MENINGITIDIS.
 Priority No. : 976398.2.
 Priority Date : 12 December 1997.

National Phase Application No. : IN/PCT/2000/00102.
 Date of Receipt : 26 June 2000.
 PCT Application No. : PCT/US99/25208.
 PCT Filing Date : 27 October 1999.
 Applicant(s) & Inventor(s) : ENGELHARD CORPORATION.
 Title : COMPOSITION AND METHOD OF MAKING IMPROVED HIGH BULKING CLAYS.
 Priority No. : 09/184,875.
 Priority Date : 03 November 1998.

National Phase Application No. : IN/PCT/2000/00103.
 Date of Receipt : 26 June 2000.
 PCT Application No. : PCT/JP99/05718.
 PCT Filing Date : 15 October 1999.
 Applicant(s) & Inventor(s) : NGK INSULATORS LTD.
 Title : METHOD AND DEVICE FOR THREE-DIMENSIONAL ARRANGEMENT OF WIRE AND METHOD OF MANUFACTURING CONDUCTIVE MATERIAL.
 Priority No. : 10-312556.
 Priority Date : 02 November 1998.

National Phase Application No. : IN/PCT/2000/00104.
 Date of Receipt : 27 June 2000.
 PCT Application No. : PCT/IL98/00629.
 PCT Filing Date : 29 December 1998.
 Applicant(s) & Inventor(s) : PULSAR WELDING LTD.
 Title : APPARATUS AND METHOD FOR PULSED MAGNETIC FORMING OF A DISH FROM A PLANAR PLATE.
 Priority No. : 122794.
 Priority Date : 20 December 1997.

National Phase Application No. : IN/PCT/2000/00105.
 Date of Receipt : 27 June 2000.
 PCT Application No. : PCT/IL98/00628.
 PCT Filing Date : 29 December 1998.
 Applicant(s) & Inventor(s) : PULSAR WELDING LTD.
 Title : METHOD AND APPARATUS FOR PULSED DISCHARGE FORMING OF A DISH FROM A PLANAR PLATE.
 Priority No. : 122795.
 Priority Date : 29 December 1997.

National Phase Application No. : IN/PC/2000/00106.
 Date of Receipt : 28 June 2000.
 PCT Application No. : PCT/US99/28411.
 PCT Filing Date : 30 November 1999.
 Applicant(s) & Inventor(s) G. D. SEARLE & CO.
 Title : CELECOXIB COMPOSITION.
 Priority No. : 60/110,333.
 Priority Date : 30 November 1998.

National Phase Application No. : IN/PCT/2000/00107.
 Date of Receipt : 28 June 2000.
 PCT Application No. : PCT/US99/00315.
 PCT Filing Date : 07 January 1999.
 Applicant(s) & Inventor(s) : THOMSON LICENSING S.A.
 Title : APPARATUS FOR PROVIDING A VIDEO LIP SYNC DELAY AND METHOD THEREFORE.
 Priority No. : 60/070,640.
 Priority Date : 07 January 1998.

National Phase Application No. : IN/PCT/2000/00108.
 Date of Receipt : 29 June 2000.
 PCT Application No. : PCT/EP99/00021.
 PCT Filing Date : 07 January 1999.
 Applicant(s) & Inventor(s) : GLAXO GROLUP LIMITED.
 Title : HYPOLIPIDEMIC BENZOTHAZEPINE.
 Priority No. : 9800428.
 Priority Date : 10 January 1998.

National Phase Application No. : IN/PCT/2000/00109.
 Date of Receipt : 29 June 2000.
 PCT Application No. : PCT/IB99/00103.
 PCT Filing Date : 14 January 1999.
 Applicant(s) & Inventor(s) CHIRON SPA.
 Title : NEISSRIA MENINGITIDIS ANTIGENS.
 Priority No. : 9800760.2.
 Priority Date : 14 January 1998.

National Phase Application No. : IN/PCT/2000/00110.
 Date of Receipt : 30 June 2000.
 PCT Application No. : PCT/KR99/00759.
 PCT Filing Date : 10 December 1999.
 Applicant(s) : SAMSUNG ELECTRONICS CO. LTD.
 Inventor(s) :
 Title : INTERLEAVING/DEINTERLEAVING DEVICE AND METHOD FOR COMMUNICATION SYSTEM.
 Priority No. : 54131/1998.
 Priority Date : 10 December 1998.

National Phase Application No. : IN/PCT/2000/00111.
 Date of Receipt : 30 June 2000.
 PCT Application No. : PCT/KR99/00786.
 PCT Filing Date : 17 December 1999.
 Applicant(s) & Inventor(s) : SAMSUNG ELECTRONICS CO. LTD.
 Title : DEVICE AND METHOD FOR LOCATING A MOBILE STATION IN A MOBILE COMMUNICATION SYSTEM.
 Priority No. : 1998-55907.
 Priority Date : 17 December 1998.

National Phase Application No. : IN/PCT/2000/00112.
 Date of Receipt : 30 June 2000.
 PCT Application No. PCT/EP98/08400.
 PCT Filing Date : 23 December 1998.
 Applicant(s) & Inventor(s) : JOHNSON & JOHNSON GMBH.
 Title : TAMPON APPLICATOR.
 Priority No. : 197 58 376.8.
 Priority Date : 24 December 1997.

National Phase Application No. : IN/PCT/2000/00113.
 Date of Receipt : 30 June 2000.
 PCT Application No. : PCT/JP99/00226.
 PCT Filing Date : 22 January 1999.
 Applicant(s) & Inventor(s) : SANKYO COMPANY LIMITED.
 Title : SPIROPYPERIDINE DERIVATIVES.
 Priority No. : 10/11112.
 Priority Date : 23 January 1998.

National Phase Application No. : IN/PCT/2000/00114.
 Date of Receipt : 30 June 2000.
 PCT Application No. : PCT/AU99/00951.
 PCT Filing Date : 02 November 1999.
 Applicant(s) : SPLIT-CYCLE TECHNOLOGY LIMITED.
 Inventor(s) :
 Title : METHOD AND MEANS FOR VARYING PISTON-IN-CYLINDER MOTION.
 Priority No. : PP6924.
 Priority Date : 04 November 1998.

National Phase Application No. : IN/PCT/2000/00115.
 Date of Receipt : 30 June 2000.
 PCT Application No. : PCT/FI99/00065.
 PCT Filing Date : 29 January 1999.
 Applicant(s) & Inventor(s) : ABB CONTROL OY.
 Title : REMOTE TRIP MECHANISM OF A SWITCH DEVICE.
 Priority No. 980243.
 Priority Date : 03 February 1998.

THE PATENT OFFICE BRANCH, CHENNAI
 NATIONAL PHASE APPLICATION FOR PATENT
 UNDER PCT CHAPTER-I

(Filed from 01-06-2000 to 30-06-2000)

National Phase Application No. IN/PCT/2000/00093/
 CHE, Dated 1-6-2000.

Corresponding PCT Application No. PCT/EP98/07969,
 Dated 8-12-1998.

Priority Document No. Germany 197 55 904.2.

Priority Document Date 16-12-1997.

Name of Applicant AVENTIS CROPSCIENCE GMBH.

Title of Invention : Process for preparing chlorobenzoxazoles.

National Phase Application No. IN/PCT/2000/00094/
CHE, Dated 2-6-2000.

Corresponding PCT Application No. PCT/EP99/06789,
Dated 14-9-1999.

Priority Document No. Europe 98203340.9.

Priority Document Date 5-10-1998.

Name of Applicant KONINKLIJKE PHILIPS ELECTRO-
NICS NV.

Title of Invention : System for copy protection of recorded
information.

National Phase Application No. IN/PCT/2000/00095/
CHE, Dated 2-6-2000.

Corresponding PCT Application No. PCT/DK98/00563,
Dated 18-12-98.

Priority Document No. Denmark 1491/97 and USA 60/
068/647.

Priority Document Date 19-12-1997 and 23-12-1997.

Name of Applicant NOVO NORDISK AS.

Title of Invention : Modification of polysaccharides by
means of phenol oxidizing enzyme.

National Phase Application No. IN/PCT/2000/00096/
CHE, Dated 5-6-2000.

Corresponding PCT Application No. PCT/US99/20904,
Dated 6-10-99.

Priority Document No. USA 60/103,699 & 60/126,824.

Priority Document Date 9-10-98 & 30-3-99.

Name of Applicant PHARMACIA AND UPJOHN COM-
PANY.

Title of Invention : Subcutaneous medroxyprogesterone
acetate for treatment of menopause and endometriosis.

National Phase Application No. IN/PCT/2000/00097/
CHE, Dated 6-6-2000.

Corresponding PCT Application No. PCT/EP99/06979,
Dated 21-9-99.

Priority Document No. Europe 98203313.6.

Priority Document Date 26-9-98.

Name of Applicant MONTELL TECHNOLOGY COM-
PANY BV.

Title of Invention : Catalyst components for the poly-
merization of dienes, catalyst obtained therefrom, and process
for the preparation of polydienes using the same.

National Phase Application No. IN/PCT/00098/CHE,
Dated 6-6-2000.

Corresponding PCT Application No. PCT/EP98/08152,
Dated 11-12-98.

Priority Document No. GB 9726555.7.

Priority Document Date 16-12-97.

Name of Applicant SMITHKLINE BEECHAM BIOLO-
GICALS SA.

Title of Invention : Method to enhance an immune res-
ponse of nucleic acid vaccination.

National Phase Application No. IN/PCT/2000/00099/
CHE, Dated 6-6-2000.

Corresponding PCT Application No. PCT/US98/27136,
Dated 18-12-98.

Priority Document No. USA 60/068536.

Priority Document Date 23-12-97.

Name of Applicant MERCK AND CO INC.

Title of Invention : Intermediates and process for the
synthesis of 17-unsubstituted 16 beta-aryloxy 4-azasteroids.

National Phase Application No. IN/PCT/2000/00100/
CHE, Dated 6-6-2000.

Corresponding PCT Application No. PCT/US98/27139,
Dated 18-12-98.

Priority Document No. USA 60/068271, UK9816279.5 &
USA 60/105238.

Priority Document Date 19-12-97, 27-7-98 & 22-10-98.

Name of Applicant MERCK & CO., INC.

Title of Invention : Arylthiazolidine dione derivatives.

National Phase Application No. IN/PCT/2000/00101/
CHE, Dated 7-6-2000.

Corresponding PCT Application No. PCT/JP99/06062,
Dated 1-11-99.

Priority Document No. Japan 10-313202.

Priority Document Date 4-11-98.

Name of Applicant KABUSHIKI KAISHA KOBE
SEIKO SHO (KOBELITE LTD).

Title of Invention : Method for producing reduced iron
agglomerates.

National Phase Application No. IN/PCT/2000/00102/
CHE, Dated 7-6-2000.

Corresponding PCT Application No. PCT/EP99/00932,
Dated 12-2-99.

Priority Document No. USA 60/074,578.

Priority Document Date 13-2-98.

Name of Applicant BASF AKTIENGESellschaft.

Title of Invention : Inherently light- and heat-stabilized
polyamide and method of making the same.

National Phase Application No. IN/PCT/2000/00103/
CHE, Dated 7-6-2000.

Corresponding PCT Application No. PCT/SE98/02239,
Dated 8-12-98.

Priority Document No. Sweden 9704755-9.

Priority Document Date 19-12-1997.

Name of Applicant AKZO NOBEL NV.

Title of Invention : An ortho ester-based surfactant, its
preparation and use.

National Phase Application No. IN/PCT/2000/00104/
CHE, Dated 7-6-2000.

Corresponding PCT Application No. PCT/IB98/01948,
Dated 7-12-98.

Priority Document No. USA 08/986,740.

Priority Document Date 8-12-97.

Name of Applicant ENVIROCHILL INTERNATIONAL
LTD.

Title of Invention : Self-cooling fluid container with nested
refrigerant and fluid chambers.

National Phase Application No. IN/PCT/2000/00105/
CHE, Dated 8-6-2000.

Corresponding PCT Application No. PCT/US98/26568,
Dated 14-12-1998.

Priority Document No. US 60/069910 60/079197, 60/
79944 60/080397, 60/083251, 60/092588, 60/092624, 60/
099748GB, 9810182.7 9810882.2, 9810892.1, 9811283.2,
9812686.5, 9822331.6.

Priority Document Date 17-12-97, 24-3-98, 30-3-98,
2-4-98 & 9822701.0 27-4-98, 13-7-98, 13-7-98, 11-9-98,
13-5-98, 20-5-98, 20-5-98, 26-5-98, 12-6-98, 13-10-98 &
16-10-98.

Name of Applicant MERCK & CO., INC.

Title of Invention : Integrin receptor antagonists.

National Phase Application No. IN/PCT/2000/00106/
CHE, Dated 8-6-2000.

Corresponding PCT Application No. PCT/DK98/00560,
Dated 17-12-98.

Priority Document No. Denmark 1526/97.

Priority Document Date 23-12-97.

Name of Applicant NOVO NORDISK A/S AND BAYER
AG.

Title of Invention : Process for removal of excess dye
from printed or yarn.

National Phase Application No. IN/PCT/2000/00107/
CHE, Dated 8-6-2000.

Corresponding PCT Application No. PCT/EP98/08098,
Dated 11-12-98.

Priority Document No. Germany 19755926.3.

Priority Document Date 17-12-97.

Name of Applicant BASF AKTIENGESSELLSCHAFT.

Title of Invention : Herbicidal 3(Benzazolo-4-yl) pyrimi-
dine Derivatives.

National Phase Application No. IN/PCT/2000/00108/
CHE, Dated 8-6-2000.

Corresponding PCT Application No. PCT/EP98/07972,
Dated 8-12-98.

Priority Document No. Europe 97121848.2.

Priority Document Date 11-12-97.

Name of Applicant AVENTIS PHARMA DEUTSCH-
LAND GMBH.

Title of Invention : Process for obtaining 1-Dihydroorotic
acid and use thereof.

National Phase Application No. IN/PCT/2000/00109/
CHE, Dated 9-6-2000.

Corresponding PCT Application No. PCT/US98/26223,
Dated 21-12-98.

Priority Document No. USA 60/068,638 & 60/078,638.

Priority Document Date 23-12-97 & 19-3-98.

Name of Applicant SCHERING CORPORATION.

Title of Invention : Composition for treating respiratory
and skin diseases, comprising at least one leukotriene anta-
gonist and at least one antihistamine.

National Phase Application No. IN/PCT/2000/00110/
CHE, Dated 9-6-2000.

Corresponding PCT Application No. PCT/GB98/03712,
Dated 11-12-98.

Priority Document No. USA 08/989,353 & 09/203,245.

Priority Document Date 12-12-97 & 7-12-98.

Name of Applicant CELL PATHWAYS AND THE UNI-
VERSITY OF ARIZONA.

Title of Invention : Substituted condensation products of
n-benzyl-3-indenylacetamides with heterocyclic aldehydes for
neoplasia.

National Phase Application No. IN/PCT/2000/00111/
CHE, Dated 9-6-2000.

Corresponding PCT Application No. PCT/EP98/08562,
Dated 18-12-98.

Priority Document No. GB 9727262.9.

Priority Document Date 24-12-97.

Name of Applicant SMITHKLINE BEECHAM BIOLO-
GICALS SA.

Title of Invention : Vaccine.

National Phase Application No. IN/PCT/2000/00112/
CHE, Dated 12-6-2000.

Corresponding PCT Application No. PCT/US98/26484,
Dated 14-12-98.

Priority Document No. 60/069899, 9807382.8, 60/
083209, 9811295.6 & 60/092622.

Priority Document Date 17-12-97, 6-4-98, 27-4-98, 26-5-98
& 13-7-98.

Name of Applicant MERCK & CO., INC.

Title of Invention : Integrin receptor antagonists.

National Phase Application No. IN/PCT/2000/00113/
CHE, Dated 12-6-2000.

Corresponding PCT Application No. PCT/GB98/03777,
Dated 16-12-98.

Priority Document No. GB 9726645.6 & 9821195.6.

Priority Document Date 17-12-97 & 30-9-98.

Name of Applicant INTERNATIONAL COATINGS
LIMITED.

Title of Invention : Powder coating process.

National Phase Application No. : IN/PCT/2000/00114/
CHE Dated 12-6-2000.

Corresponding PCT Application No. : PCT/US98/26798
Dated 17-12-98.

Priority Document No. : USA 60/068,274.

Priority Document Date : 19-12-97.

Name of Applicant : NOVO NORDISK BIOCHEM
NORTH AMERICA INC.

Title of Invention : Continuous biopolishing or cellulose-
containing fabrics with thermophilic cellulases.

National Phase Application No. : IN/PCT/2000/00115/
CHE Dated 12-6-2000.

Corresponding PCT Application No. : PCT/JP/03134
Dated 11-6-1999.

Priority Document No.

Priority Document Date :

Name of Applicant : NIPPON THERMOSTATE COM-
PANY LTD.

Title of Invention : Process for controlling flow of cool-
ing fluid and apparatus thereof.

National Phase Application No. : IN/PCT/2000/00116/
CHE Dated 13-5-2000.

Corresponding PCT Application No. : PCT/EP98/08563
Dated 18-12-98.

Priority Document No. : GB 9727262.9.

Priority Document Date : 24-12-97.

Name of Applicant : SMITHKLINE BEECHAM BIO-
LOGICALS SA.

Title of Invention : Vaccine.

National Phase Application No. : IN/PCT/2000/00117/
CHE Dated 13-6-2000.

Corresponding PCT Application No. : PCT/CH98/00520
Dated 9-12-98.

Priority Document No. : German 197 57 452.1

Priority Document Date : 23-12-97.

Name of Applicant : ASEA BROWN BOVERI AG.

Title of Invention : Converter circuit arrangement having
a DC intermediate circuit.

National Phase Application No. : IN/PCT/2000/00118/
CHE Dated 14-6-2000.

Corresponding PCT Application No. : PCT/GB98/03711
Dated 11-12-98.

Priority Document No. : EP97310243.7 & GB 9726643.1.

Priority Document Date : 17-12-97 & 12-12-97.

Name of Applicant : BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY.

Title of Invention : Mobile data routing.

National Phase Application No. : IN/PCT/2000/00119/
CHE Dated 14-6-2000.

Corresponding PCT Application No. : PCT/EP98/08384
Dated 21-12-98.

Priority Document No. : Switzerland 2960/97, 2961/97,
79/98, 84/98, 86/98 and 418/98.

Priority Document Date : 23-12-97, 23-12-97, 16-1-98,
16-1-98, 16-1-98 and 22-2-98.

Name of Applicant : NOVARTIS AG.

Title of Invention : Use of macrolides in pest control.

National Phase Application No. : IN/PCT/2000/00120/
CHE Dated 14-6-2000.

Corresponding PCT Application No. : PCT/CH98/00519
Dated 9-12-98.

Priority Document No. Europe 97810969.2.

Priority Document Date : 11-12-97.

Name of Applicant : THOMAS ABEND.

Title of Invention : Method for producing and using storage-stable, latent-reactive layers or powders of surface-deactivated solid polysocyanates and dispersion polymers with functional groups.

National Phase Application No. : IN/PCT/2000/00121/
CHE Dated 14-6-2000.

Corresponding PCT Application No. : PCT/US98/26702
Dated 15-12-98.

Priority Document No. : USA 08/991, 669, 09/156, 230,
09/206, 956.

Priority Document Date : 16-12-97, 18-9-98 and 8-12-98.

Name of Applicant : KIMBERLY CLARK WORLDWIDE INC.

Title of Invention : Container and cartridge for dispensing paper products.

National Phase Application No. : IN/PCT/2000/00122/
CHE Dated 14-6-2000.

Corresponding PCT Application No. : PCT/GB98/03718
Dated 11-12-98.

Priority Document No. 97310244.5 & 9726647.2.

Priority Document Date : 17-12-97 & 12-12-97.

Name of Applicant : BRITISH TELECOMMUNICATIONS PLC.

Title of Invention : Proxy routing.

National Phase Application No. : IN/PCT/2000/00123/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/EP98/08346
Dated 18-12-98.

Priority Document No. : Germany 19756913.7 &
19832088.4.

Priority Document Date : 19-12-97 & 16-7-98.

Name of Applicant : BASF AKTIENGESellschaft.

Title of Invention : Hydrogenation of benzenepolycarboxylic acids or derivatives thereof using a catalyst containing macro-pores.

National Phase Application No. : IN/PCT/2000/00124/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/EP98/08324
Dated 8-12-98.

Priority Document No. : Germany 197 56 777.0.

Priority Document Date : 19-12-97.

Name of Applicant : WÖBBEN ALOYS.

Title of Invention : Method of operating a wind power installation and a wind power installation.

National Phase Application No. : IN/PCT/2000/00125/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/GB98/03753
Dated 15-12-98.

Priority Document No. : EP97310358.3, GB 9726934.4. EP-
98304429.8 & GB 9812060.3.

Priority Document Date : 19-12-97, 19-12-97, 4-6-98 &
4-6-98.

Name of Applicant : BRITISH TELECOMMUNICATIONS PLC.

Title of Invention : Data communications.

National Phase Application No. : IN/PCT/2000/00126/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/GB98/03755
Dated 15-12-98.

Priority Document No. : EP 97310358.3, 98304429.8
GB 9726934.4 & 9812060.3.

Priority Document Date : 19-12-97, 4-6-98, 19-12-97,
4-6-98.

Name of Applicant : BRITISH TELECOMMUNICATIONS PLC.

Title of Invention : Data communications.

National Phase Application No. : IN/PCT/2000/00127/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/JP98/02130
10-12-98.

Priority Document No. : Japan 9/363298.

Priority Date : 16-12-97.

Name of Applicant : KAYAKU AKZO CORPORATION.

Title of Invention : Organic peroxide emulsions.

National Phase Application No. : IN/PCT/2000/00128/
CHE Dated 16-6-2000.

Corresponding PCT Application No. : PCT/EP98/08139
Dated 10-12-98.

Priority Document No. : Europe 97203987.

Priority Document Date : 18-12-97.

Name of Applicant : AKZO NOBEL NV.

Title of Invention : Ketone peroxide derivative, their preparation and use.

National Phase Application No. : IN/PCT/2000/00129/
CHE Dated 19-6-2000.

Corresponding PCT Application No. : PCT/US98/26843
Dated 18-12-98.

Priority Document No. US 08/994,870.

Priority Document Date : 19-12-97.

Name of Applicant : KIMBERLY CLARK WORLDWIDE INC.

Title of Invention : Ultralight, converting friendly, non-woven fabric.

National Phase Application No. : IN/PCT/2000/00130/
CHE/19-6-2000.

Corresponding PCT Application No. : PCT/EP/99/07451
Dated 23-9-99.

Priority Document No. : GB 9822841.4.

Priority Document Date : 20-10-98.

Name of Applicant : KONINKLIJKE PHILIPS ELECTRONICS N. V.

Title of Invention : File systems supporting data sharing.

National Phase Application No. : IN/PCT/2000/00131/
CHE Dated 20-6-2000.

Corresponding PCT Application No. : PCT/EP98/08131
Dated 14-12-98.

Priority Document No. : USA 60/072,050 Eurpouse
97204051.3.

Priority Document Date : 21-1-98 & 22-12-97.

Name of Applicant : AKZO NOBEL NV.

Title of Invention : Ignition improved fules.

National Phase Application No. : IN/PCT/2000/00132/
CHE Dated 20-6-2000.

Corresponding PCT Application No. : PCT/US98/26216
Dated 16-12-98.

Priority Document No. : USA 60/068,170.

Priority Document Date : 19-12-97.

Name of Applicant : G D SEARLE & CO.

Title of Invention : Method of preparing enantiomerically
enriched tetrahydrozenthiepine oxides.

National Phase Application No. : IN/PCT/2000/00133/
CHE Dated 21-6-2000.

Corresponding PCT Application No. : PCT/EP98/08388
Dated 21-12-98.

Priority Document No. Germany : 19757297.9.

Priority Document Date : 22-12-97.

Name of Applicant : BASF AKTIENGESELLSCHAFT.

Title of Invention : Method for producing oxide catalysts
containing copper with an oxidation number

National Phase Application No. : IN/PCT/2000/00134/
CHE Dated 21-6-2000.

Corresponding PCT Application No. : PCT/EP98/08053
Dated 10-12-98.

Priority Document No. : French 97/16243.

Priority Document Date : 22-12-97.

Name of Applicant : AVENTIS CROP SCIENCE GMBH.

Title of Invention : Derivatives of 2, 2-dimethyl 3-2
(-fluoro vinyl) cyclopropane carboxylic acid, their prepara-
tion process and their use as pesticides.

National Phase Application No. : IN/PCT/2000/00135/
CHE Dated 21-6-2000.

Corresponding PCT Application No. : PCT/EP98/08030
Dated 10-12-98.

Priority Document No. Europe 97122901.8.

Priority Document Date : 24-12-97.

Name of Applicant : AVENTIS PHARMA DEUTSCH-
LAND GMBH.

Title of Invention : Indole derivatives as inhibitors of
factor xa.

National Phase Application No. : IN/PCT/2000/00136/
CHE Dated 21-6-2000.

Corresponding PCT Application No. : PCT/US98/26222
Dated 21-12-98.

Priority Document No. : USA 08/997,172 & 08997,169.

Priority Document Date : 22-12-97 & 22-12-97.

Name of Applicant : SCHERING CORPORATION.

Title of Invention : Orally administerable solid ribavirin
dosage forms and process for making them.

National Phase Application No. : IN/PCT/2000/00137/
CHE Dated 22-6-2000.

Corresponding PCT Application No. PCT/GB98/03851
Dated 21-12-98.

Priority Document No. : UK 9726707.4.

Priority Document Date : 19-12-97.

Name of Applicant : VATECH ELIN SERVICE BV.

Title of Invention : Electrical circuit breaker.

National Phase Application No. : IN/PCT/2000/00138/
CHE Dated 22-6-2000.

Corresponding PCT Application No. : PCT/EP99/07572
Dated 8-10-99.

Priority Document No. : Europe 98118992.1.

Priority Document Date : 8-10-98.

Name of Applicant : SICPA HOLDING SA.

Title of Invention : Ink composition comprising first and
second optically variable pigments.

National Phase Application No. : IN/PCT/2000/00139/
CHE Dated 22-6-2000.

Corresponding PCT Application No. : PCT/EP98/08452
Dated 22-12-98.

Priority Document No. : Europe 97811029.4.

Priority Document Date : 29-12-97.

Name of Applicant : SICPA HOLDING S A.

Title of Invention : Use of inorganic particles and method
for marking and identifying a substrate or an article.

National Phase Application No. : IN/PCT/2000/00140/
CHE Dated 23-6-2000.

Corresponding PCT Application No. : PCT/NL98/00709
Dated 10-12-98.

Priority Document No. : Netherlands 1997770.

Priority Document Date : 11-12-97.

Name of Applicant : THYSSEN DE REUS BV.

Title of Invention : LIFT.

National Phase Application No. : IN/PCT/2000/00141/
CHE Dated 23-6-2000.

Corresponding PCT Application No. : PCT/GB98/03849
Dated 21-12-98.

Priority Document No. : GB 9727367.6.

Priority Document Date : 24-12-97.

Name of Applicant : ANAESTHESIA RESEARCH LTD.

Title of Invention : Monitoring and control for a laryn-
geal mask airway device.

National Phase Application No. : IN/PCT/2000/00142/
CHE Dated 23-6-2000.

Corresponding PCT Application No. : PCT/FR98/02675
Dated 9-12-98.

Priority Document No. : France 97 16525.

Priority Document Date : 24-12-97.

Name of Applicant : S A SPIRONEF TECHNOLOGIES.

Title of Invention : Deployable and storable inflatable building.

National Phase Application No. : IN/PCT/2000/00143/
CHE Dated 23-6-2000.

Corresponding PCT Application No. : PCT/US98/27407
Dated 23-12-98.

Priority Document No. : US 09/001,801.

Priority Document Date : 31-12-97.

Name of Applicant : THE GOVERNMENT OF THE
UNITED STATES OF AMERICA, REPRESENTED BY
THE SECRETARY, DEPARTMENT OF HEALTH AND
HUMAN SERVICES.

Title of Invention : Monomeric and dimeric arylisoquino-
line alkaloids and derivatives thereof.

National Phase Application No. : IN/PCT/2000/00144/
CHE Dated 26-6-2000.

Corresponding PCT Application No. PCT/US98/26416
Dated 10-12-98.

Priority Document No. : USA 08/988,675.

Priority Document Date : 11-12-97.

Name of Applicant : VECTRIX CORPORATION.

Title of Invention : Vehicle drive wheel assembly.

National Phase Application No. : IN/PCT/2000/00145/
CHE Dated 26-6-2000.

Corresponding PCT Application No. : PCT/US98/26418
Dated 10-12-98.

Priority Document No. : USA 60/069,099 & 09/074,468.

Priority Document Date : 11-12-97 & 8-5-98.

Name of Applicant : VECTRIX CORPORATION.

Title of Invention : Vehicle drive wheel assembly.

National Phase Application No. : IN/PCT/2000/00146/
CHE Dated 26-6-2000.

Corresponding PCT Application No. : PCT/US98/26417
Dated 10-12-98.

Priority Document No. : USA 08/988, 968.

Priority Document Date : 11-12-97.

Name of Applicant : VECTRIX CORPORATION.

Title of Invention : Electric vehicle and frame therefor.

National Phase Application No. : IN/PCT/2000/00147/
CHE Dated 26-6-2000.

Corresponding PCT Application No. PCT/JP98/05861
Dated 24-12-98.

Priority Document No. : Japan 9/367186 & 10/88710.

Priority Document Date : 25-12-97 & 1-4-98.

Name of Applicant : EBARA CORPORATION.

Title of Invention : Desalination method and desalination
apparatus.

National Phase Application No. : IN/PCT/2000/00148/
CHE Dated 26-6-2000.

Corresponding PCT Application No. : PCT/JP99/00297
Dated 26-1-99.

Priority Document No. : Japan 10/15554.

Priority Document Date : 28-1-98.

Name of Applicant : SHIONOGI & CO. LTD.

Title of Invention : Novel Tricyclic compounds.

National Phase Application No. : IN/PCT/2000/00149/
CHE Dated 27-6-2000.

Corresponding PCT Application No. : PCT/GB99/03517
Dated 28-10-99.

Priority Document No. : GB 9823654.0 & 09/306,419.

Priority Document Date : 29-10-98 & 6-5-99.

Name of Applicant : FOSROC INTERNATIONAL LIMIT-
ED.

Title of Invention : Connector for use in cathodic protec-
tion and method of use.

National Phase Application No. : IN/PCT/2000/00150/
CHE Dt. 27-06-2000.

Corresponding PCT Application No. PCT/EP99/08769.

Priority Document No. : Germany 19852562.1.

Priority Document date : 13-11-1998.

Name of Applicant : HOLLINGSWORTH GMBH.

Title of Invention : Dirt Extractor.

National Phase Application No. : IN/PCT/2000/00151/
CHE Dt. 27-06-2000.

Corresponding PCT Application No. PCT/EP99/07805.

Priority Document No. 98203660.0.

Priority Document date : 29-10-98.

Name of Applicant : Koninklijke Philips Electronics N.V.

Title of Invention : Embedding supplemental data on an
information signal.

National Phase Application No. : IN/PCT/2000/00152/
CHE dt. 28-06-2000.

Corresponding PCT Application No. : PCT/JP99/03499
dt. 29-06-99.

Priority Document No. : 10,322521.

Priority Document date : 12-11-98.

Name of Applicant : MITSUBISHI DENKI KABUSHIKI
KAISHA.

Title of Invention : Low pass filter.

National Phase Application No. : IN/PCT/2000/00153/
CHE dt. 28-06-2000.

Corresponding PCT Application No. : PCT/GB98/03889
Dt. 23-12-1998.

Priority Document No. : GB 9727364.3.

Priority Document date : 24-12-1997.

Name of Applicant : GERSAN ESTABLISHMENT.

Title of Invention : Diamond or gemstone marking by
plurality of grooves.

National Phase Application No. : IN/PCT/2000/00154/
CHE/Dated 28-6-2000.
Dated 23-12-98.

Corresponding PCT Application No. : PCT/GB98/03885
Priority Document No. : GB 9727362.7.
Priority Document Date : 24-12-97.
Name of Applicant : GERSAN ESTABLISHMENT.
Title of Invention : Examining diamonds and gemstones.

Natme Phase Application No. : IN/PCT/2000/00155/
Dated 29-6-2000.

Corresponding PCT Application No. : PCT/DK98/00551
Dated 14-12-98.

Priority Document No. : Denmark PA 1997 1446.

Priority Document Date : 12-12-97.

Name of Applicant : SYNOPTIK A/S.

Title of Invention : Container for timed release of substances.

National Phase Application No. : IN/PCT/2000/00156/
CHE/Dated 29-6-2000.

Corresponding PCT Application No. : PCT/EP/99/08420
Dated 4-11-99.

Priority Document No. : German 198 51 448.4.

Priority Document Date : 9-11-98.

Name of Applicant : BARMAG AG.

ALTERATION OF DATE

Patent No. 184617 (1168/Mas/94) Ante-dated to : 11th Sep. 1991.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान को विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अग्र आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक एक्स के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित ब्यक्त्य की प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा मंजूरित नियम-26 के तहत यथाविहित उक्त सूचना की तिथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के सम्मुख हैं।

विनिर्देश तथा चित्र आरखे, यदि कोई हो, की अग्रिम प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरखे, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30 रुपये की अदायगी पर की जा सकती है।

Ind. Cl. : 85 R

184551

Int. Cl.⁴ : F 27 D 3/00

DEVICE FOR MOUNTING AND DISMOUNTING SHAFT-FURNACE TYMPS.

Applicant : PAUL WURTH S.A., A COMPANY ORGANISED UNDER THE LAWS OF GRAND DUCHY OF LUXEMBOURG, OF 32 RUE D'ALSACE, L-1122 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Inventors :

NICOLAS BONANI, LUXEMBOURG
EDMOND MAINZ, LUXEMBOURG
EDOUARD SAND, LUXEMBOURG
ERNESI SAND, LUXEMBOURG
NICOLAS WINTERSDORF, LUXEMBOURG
MICHEL LUX, LUXEMBOURG
FRANCIS GROSS, LUXEMBOURG
VICTOR HUTMACHER, LUXEMBOURG
PATRICK PEIFFER, LUXEMBOURG &
PIERRE MAILLIET, LUXEMBOURG.

Applicant for Patent No. 509/Del/91 filed on 11th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Branch, New Delhi-110005.

12 Claims

A device for mounting and dismounting shaft-furnace typms, (26) comprising a gripper (44, 92) with retractable claws (40, 94) engageable through the typm (26) and control means passing through the gripper (44, 92) and controllable from outside in order to spread or retract the claws (40, 94) radially with respect to the axis of the typm (26) characterised in that the gripper (44, 92) and its control means are carried by a yoke (30, 80) connectable to the outer edge of the tuyere arch (24) and associated with a conventional pneumatic explosive-actuated tool, connectable to the outside of the yoke (30, 80) either onto extensions of the claws (40, 94) or onto the control means in order to exert by its rotation and its bearing on the yoke (30, 82) a tractive force on the claws (40, 94) of the gripper (44, 42).

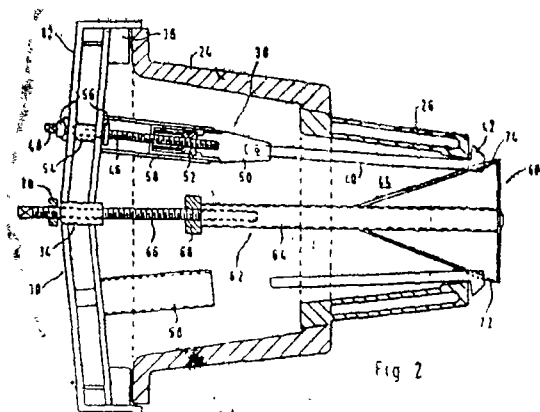


Fig 2

(Compl. Specn. 24 Pages;

Drgns. 7 Sheets)

Ind. Cl. : 9 E

184552

Int. Cl.⁴ : C 22 C, 14/00

AN IMPROVED PROCESS FOR THE PREPARATION OF SILVER-CADMIUM OXIDE ALLOY FOR USE AS ELECTRICAL CONTACTS.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

PROBHAT BASAK, INDIAN
SAILENDRA CHANDRA DEV, INDIAN
RADHAKRISHNA DUBEY, INDIAN &
OMKAR NATH MOHANTY, INDIAN.

Application for Patent No. 530/Del/91 filed on 18th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch New Delhi-110005.

3 Claims

An improved process for the preparation of silver cadmium oxide alloy for use as electrical contacts which comprises :

- (i) Melting silver and cadmium in a crucible in an electric furnace at 970° — 980°C to get the composition in the range of 4, 5-9.0% by wt of cadmium, balance silver.
- (ii) Raising the temperature of the molten metal composition to a range of 1000° to 1020°C and maintaining for a period of 15 to 20 minutes.
- (iii) Pouring the molten metal in a steel mold to get a slab/ingot.

(iv) Hot rolling of the slab/ingot to a desired thickness in a temperature range of 400 to 550°C.

(v) Alternates cold rolling to get 10-20% reduction at a time and internal oxidation in multiple stages in the temperature range of 600 to 800°C for a total period of 10 to 15 hours to get silver cadmium oxide alloy.

(Compl. Specn. 15 Pages;

Drgns. Sheet Nil)

Ind. Cl. : 136 I

184553

Int. Cl.⁴ : D 21 F, 3/00

PAPER MAKING BELT.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors :

JOHN ANDREW SMURKOSKI, U.S.A.
GARY LINDSEY LEGGITTE, U.S.A. &
GREGORY LYNN WILSON, U.S.A.

Application for Patent No. 552/Del/91 filed on 25th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

A papermaking belt having a paper-contacting side a backside opposite said paper-contacting side, the papermaking belt comprising a framework having a first surface defining said paper-contacting side of said belt; a second surface opposite said first surface defining the backside of said belt; conduits extending between said first surface and second surface of said framework, and a reinforcing structure positioned between said first surface and second surface of said framework, said reinforcing structure having interstices; wherein the first surface of said frameworks has a paper side network formed therein defining said conduits, and said second surface has a backside network with passageways therein, distinct from said conduits, that provide surface texture irregularities in said backside network; and

said backside surface has sufficient fluid passage capacity to permit atleast 1,800 standard cubic centimeters/minute of air to escape across said backside surface.

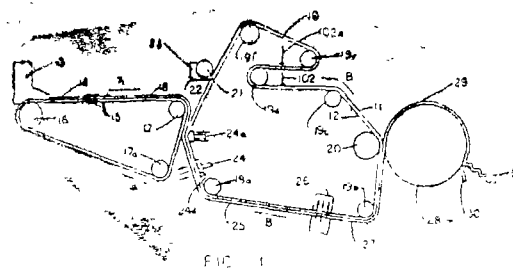


FIG. 1

(Compl. Specn. 130 Pages

Drgns. 24 Sheets)

Ind. Cl. : 14 C.

184554

Int. Cl.⁴ : H 01 L, 35/00.

PHOTOVOLTAIC CELL AND BATTERY WHENEVER INCORPORATING SAID CELL.

Applicant : BIOPHOTONICS, INC., A CORPORATION OF THE STATE OF FLORIDA, UNITED STATES OF AMERICA, OF 10641 FIRST STREET EAST, TREASURE ISLAND, FLORIDA-33706, UNITED STATES OF AMERICA.

Inventor(s) :

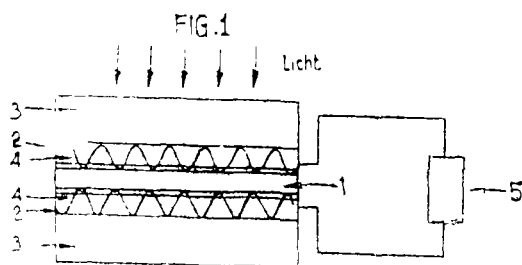
LEONID BORISOVICH RUBIN—U.S.S.R.,
ALEXANDR SERGEEVICH OSIPOV—U.S.S.R.,
JURY GAVILOVICH SIZGANOV—U.S.S.R.,
GENNADY GRISORIEVICH UNTILA—U.S.S.R.,
ANDREI LEONIDOVICH KHARITONOV—
U.S.S.R., and
ALEXANDER TURSUNOVICH RAKHIMOV—
U.S.S.R.,

Application for Patent No. 564/Del/91 filed on 27th June, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

22 Claims

A photovoltaic cell for converting light energy into electric energy comprising a photosensitive barrier-structure semiconductor wafer (1) conductive current collecting contacts (2) located on both sides of said semiconductor wafer, protective coatings (3) provided on both sides of said semiconductor wafer, and current tapping electrodes (9), wherein at least said conductive current collecting contacts (2) located on at least the front side of said semiconductor wafer (1) are configured as electrically connected intermittent sections being respectively, in and out of contact with said surface of said semiconductor wafer (1) adjacent to said contacts.



Complete Specification 27 Pages

Drawing Sheets-7.

Ind. Cl. : 32 A1, 32 A2

184555

Int. Cl.⁴ : C 09 B, 47/00.

"A PROCESS FOR THE PREPARATION OF ANIONIC PHTHALOCYANINE COMPOUNDS."

Applicant : ZENeca LIMITED, A BRITISH COMPANY,
OF IMPERIAL CHEMICAL HOUSE, 9 MILLBANK,
LONDON SW1P 3JF, ENGLAND

Inventors :

PETER GREGORY—ENGLAND
RONALD WYNFORD KENYON—ENGLAND AND
CHRISTINE MILLARD—ENGLAND.

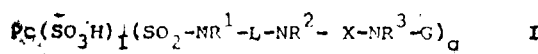
Application for Patent No. 599/Del/1991 filed on 4th July, 1991.

Convention Application No. 9016451.8/U.K./26-7-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

14 Claims

A process for the preparation of anionic phthalocyanine compounds of Formula (I) :



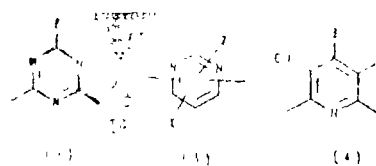
wherein

Pc is metal-containing phthalocyanine nucleus of the kind described hereinbefore;

R¹, R² and R³ are each independently H, alkyl, substituted alkyl, alkenyl, substituted alkenyl, aralkyl or substituted aralkyl;

L is a divalent organic linking group of the kind described hereinbefore;

each x independently is carbonyl or a group of formula (2), (3) or (4);



each Z independently is NR⁴, R, SR⁶ or OR⁶;

each Y independently is H, Cl, Z, SR⁷ or OR⁷;

each E independently is Cl or CN;

R⁴, R⁵, R⁶ and R⁷ are each independently H, alkyl, substituted alkyl, aryl, substituted aryl, aralkyl or substituted aralkyl or R⁴ and R⁵ together with the nitrogen atom to which they are attached from a 5 or 6 membered ring;

G is a colourless organic radical of the kind described herein-before substituted by one or two groups selected from COSH and COOH; and

(t+q) is from 3 to 4 inclusive

Comprising :

- (1) halo sulphonation of a metallo phthalocyanine using halo sulphonic acid;
- (2) condensation of the metallo phthalocyanine sulphonyl halide from (1) above with an amine amine of formula HNR¹LNHR²;
- (3) condensation of one equivalent of an amine of formula GNHR³ with one equivalent of a linking group of formula halo-X-halo in which X is a defined above except that in place of Z there is a halogen radical;
- (4) condensation of the product of (3) above with a product of step (2), preferably in the presence of base of the kind described hereinbefore;
- (5) condensation of the product from step (4) above with ZH to give a compound of formula (I) in which the process steps (1) to (5) are performed under conventional conditions.

wherein R¹, R², L, Z, G and X are as described hereinabove.

Complete Specification 21 Pages

Drawing Sheet Nil

Ind. Cl. : 107GH

184556

Int. Cl.⁴ : F 02 M 61/00, 61/10.

FUEL PUMP WITH PRESSURE REGULATION FOR INJECTION SYSTEMS IN INTERNAL COMBUSTION ENGINES.

Applicant : PIAGGIO VEICOLI EUROPEI S.P.A. A COMPANY ORGANISED UNDER LAW OF THE ITALIAN REPUBLIC OF VIALE RINALDO PIAGGIO 23-PONTEDERA, PISA, ITALY.

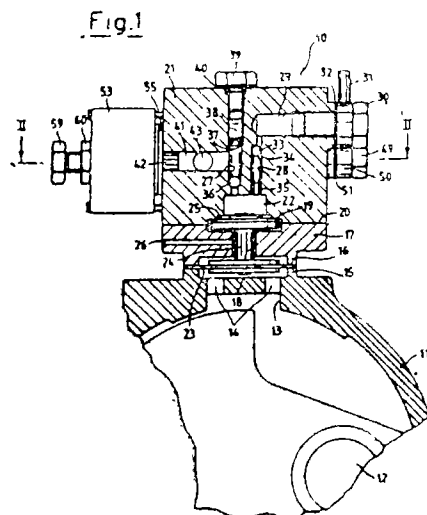
Inventor(s) : MARCO NUTI—ITALY,

Application for Patent No. 658/Del/91 filed on 22nd July, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

Fuel pump with pressure regulation for injection systems in internal combustion engines, operated by the pressure pulsations generated in the crankcase, (11) the pump body (21) being positioned in front of an aperture (13) provided at the top of an engine crankcase, (11) which in its turn communicates with a compression chamber (22) via a diaphragm, (23) said compression chamber (22) being connected at one end to an intake duct (29) and at the other end to a delivery duct, (41) said delivery duct (41) also being associated with a discharge duct (41) connected to a vessel, characterised in that said first diaphragm (23) is positioned in front of said crankcase aperture, (13) downstream of said first diaphragm, (23) a second diaphragm (25) is provided, wherein said second diaphragm (25) is axially connected to said first diaphragm (23) by means of a stem (24) and has a surface area smaller than that of said first diaphragm, (23) unidirectional flow valves 33/28, 36/27 being positioned inside said intake duct (29) and delivery duct (41).



Complete Specification 11 Pages

Drawings Sheet-2

Ind. Cl. : 143 D

184557

Int. Cl. : B 65 B 39/00.

ANTI DRIP NOZZLE FOR FILLING PACKAGES.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022 UNITED STATES OF AMERICA.

Inventor(s) JEAN MARIE DENIS—FRANCE AND PATRICK DEVOS—FRANCE.

Application for Patent No. 660/Del/91 filed on 22nd July, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

An anti-drip nozzle for filling flexible film packages, comprising an elongated tubular member having an aperture therethrough for the flow of a liquid, inlet means

located at an upper end of said tubular member for the introduction of a liquid, an outlet aperture located at the lower end for said tubular member, at least one screen means located across the aperture for imparting flow and to decrease drip formation upon cessation of flow of said liquid, and suction means located adjacent said at least one screen means to remove liquid from the said screen means, elevating means connected to said tubular member for causing said tubular member to be raised during the filling of the container, and another means connected said tubular member to maintain the outlet aperture of the said tubular member above the level of the said liquid while the said flexible film package is being filled.

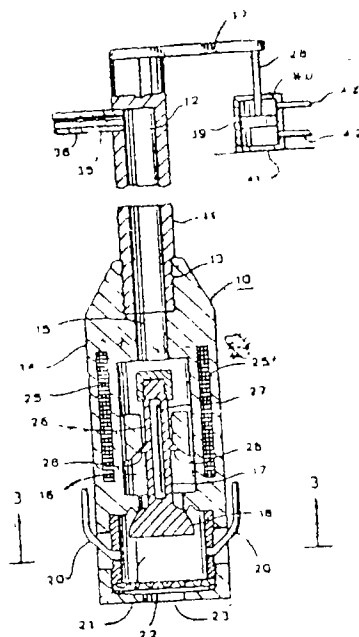


FIG 1

Complete Specification 11 Pages

Drawing Sheets-2

Ind. Cl. : 4B & 13A

184558

Int. Cl. : B 32B 27/00.

A LAYERED SHEET FOR PRODUCING POUCHES.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventor(s) : JOEL MILLON—France.

Application for Patent No. 662/Del/91 filed on 22-07-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

8 Claims

A layered sheet for producing pouches for containing substances comprising a plurality of film layers of thickness 125 microns to 500 microns wherein at least one film layer is a barrier layer of material such as polyolefin having a thickness of 25 microns to 100 microns and at least one film layer is a seal layer of material dependent on substance to be packed in the pouch such as ethylene-vinyl acetate having a thickness in the range of 50 microns to 200 microns, said plurality of film layers having at least a partial transmissi-

vity to aromatic substances a transmissivity to oxygen of at least about $600 \text{ cm}^3/\text{m}^2/\text{day}/\text{bar}$, said plurality of film layers being of an age of 2 weeks to 24 weeks.

packed within said box, a channel being provided in the sides of said tray to accommodate the upper ends of said box structure.

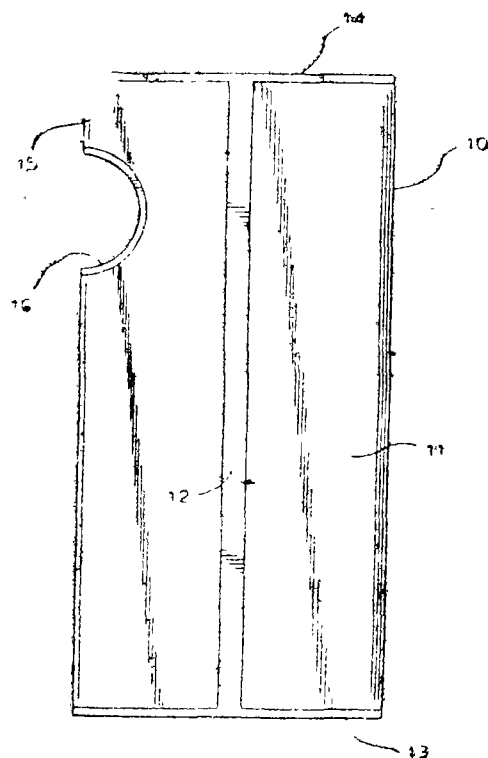


FIG 1

Complete Specification 11 Pages

Drawing Sheet 1

Ind. Cl. : 23B

184559

Int. Cl.⁴ : B 65B 23/00.

A CARTON FOR STORING EDIBLE MATERIALS THEREIN.

Applicant : ROLLATAINERS LIMITED, INDIAN COMANY, OF 13/6, MATHURA ROAD, FARIDABAD-121003. (HARYANA) INDIA.

Inventor(s) : KANIMBELLE PRAHALLADA RAJ—INDIA.

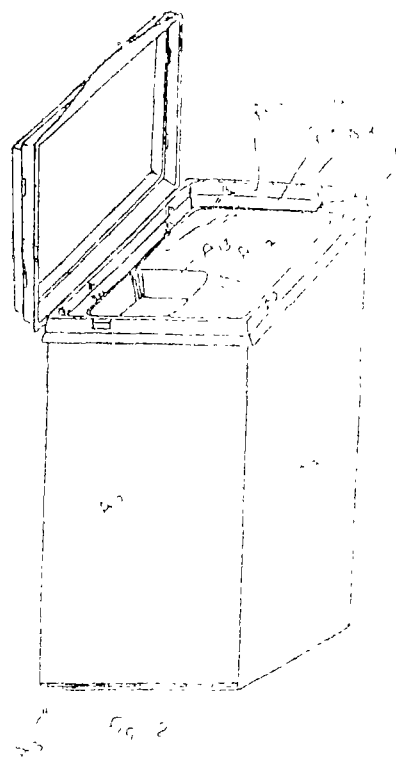
Application for Patent No. 669/Del/91 Filed on 24-07-91.

Complete left after provisional filed on 16-10-1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

A carton for storing edible material therein comprising a box structure having base flaps to be in a closed position and top end being an open mouth of the carton, a liner being provided to be adhered to the inner surface and base flaps, characterized in that a tray having a lid hingedly secured therewith at one side thereof being provided to close said mouth of the carton, a tear away groov adapted to be shared on actual use of the carton being provided in the base of said tray to have an access to the product



Complete Specification 8 Pages

Drawing Sheets 2

(Provisional Specification 5 Pages)

Drawing Sheet Nil

Ind. Cl. : 190B

184560

Int. Cl.⁴ : F 23R. 3/50

COMBUSTOR DOME.

Applicant : GENERAL ELECTRIC COMPANY, 1 RIVER ROAD, SCHENECTADY, STATE OF NEW YORK 12345 UNITED STATES OF AMERICA.

Inventor(s) : ELIAS HARRY LAMPES—U.S.A.,
CLIFFORD EDWARD ALLEN—U.S.A.

Application for Patent No. 696/Del/91 filed on 31-07-91.

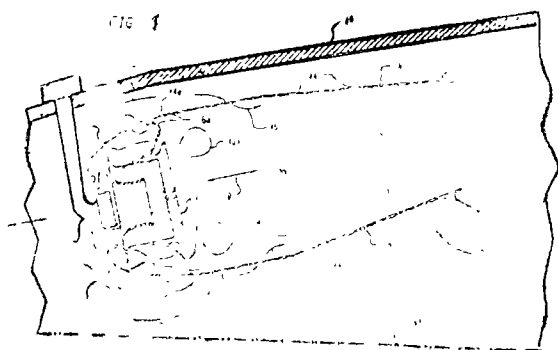
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

12 Claims

A combustor dome (22) comprising an annular dome (24) plate disposed coaxially about an axial centerline (12) axis, said dome plate (24) is characterized by

- an annular central (50) portion having a plurality of circumferentially spaced apertures (52) for receiving a respective plurality of conventional carburetors;
- radially outer and inner (54, 56) support portions extending from said central (50) portion joining said dome (24) plate to combustion liners;
- each of said outer and inner (54, 56) support portions including a first (58) leg extending from said central (50) portion, a second (60) leg and an arcuate apex joining (62) said leg (58) to said

second leg, (60) said apex (62) having in longitudinal section along said axial centerline axis a concave inner surface and a convex outer surface and a uniform thickness therebetween from said first leg to said second leg, and a plurality of circumferentially spaced coolant (64) apertures for channeling cooling air therethrough.



(Complete Specification 14 Pages Drawing Sheets 3)

Ind. Cl. : 9A 184561

Int. Cl.⁴ : C 22C 21/00

AN IMPROVED PROCESS FOR THE PREPARATION OF ALUMINIUM BASED ALLOY ANODES FOR USE IN THE ALKALINE ALUMINIUM-AIR CELL.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

ABDUL KADER SHEIK MIDEEN, INDIA.
MANICKAM ANBU KULANAINATHAN, INDIA.
MAHADEVA SASTRI GANESAN, INDIA.
KANNIYA BALUSAMY SARANGAPANI, INDIA.
VEERASWAMY BALARAMACHANDRAN, INDIA.
VEERASWAMY BALARAMACHANDRAN, INDIA.
SUBRAMANIA IYER VENKATAKRISHNA IYER, INDIA.

KAILATHUVALAPPIL INNIRI VASU, INDIA.

Application for Patent No. 500/Del/89 filed on 08-06-89.

Complete left after Provisional filed on 30-08-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, New Delhi-110 005.

An improved process for the preparation of aluminium based alloy anodes for used in alkaline aluminium air cell which comprises :—

- (i) preparing a master alloy by mixing 99.85 wt.% to 99.0 wt.% aluminium (of 99.5% to 99.7% purity) with 0.15 wt.% to 1.0 wt.% thallium (of 99.9% purity), melting the mixture in a furnace at a temperature in the range of 710°C to 730°C, stirring the resultant molten alloy to effect proper mixing, casting the molten alloy into small pieces;

- (ii) melting 66.67 wt.% to 20.0 wt.% aluminium (of 99.5% to 99.7% purity) of anode alloy in a furnace at a temperature in the range of 700°C to 710°C;

- (iii) melting 33.33 wt.% to 80.0 wt.% of the Al-Tl master alloy, obtained in step (i) at a temperature in the range of 700 to 710°C;

- (iv) adding the molten alloy obtained in step (iii) to the molten aluminium obtained in step (ii) at a temperature in the range of 700°C to 710°C, mixing the melt thoroughly, raising the temperature to 730°C, maintaining the melt temperature at 730°C under constant stirring for a period of 3 to 5 minutes, followed by casting into desired shape of anode.

(Provl. Specn. 6 Pages;

Drgn. Sheet Nil)

(Complete Specn. 9 Pages

Drwg Sheet Nil)

Ind. Cl. : 39K

184562

Int. Cl.⁴ : B01J, 21/10

A PROCESS FOR THE PREPARATION OF AN IMPROVED LI-PROMOTED MGO CATALYST USEFUL FOR OXIDATIVE COUPLING OF METHANE TO ETHANE & ETHYLENE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

VASANT RAMACHANDRA CHOUDHARY, INDIA.
MEENAKSHI YADUNATH PANDIT, INDIA.

SOPAN TUKARAM CHAUDHARI, INDIA.

Application for Patent No. 1179/Del/90 filed on 27/11/90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, New Delhi-110 005.

7 Claims

A process for the preparation of an improved Li-promoted Mgo catalyst useful for oxidative coupling of methane to ethane and ethylene, in the presence of free oxygen which comprises (i) mixing thoroughly powdered magnesium acetate and lithium acetate which are catalyst precursors, with Li/Mg mole ratio of 0.01–1.0 with or without water the H₂O/magnesium acetate weight ratio being in the range of 0.5.0, (ii) heating the mixture, while stirring, to dryness at a temperature of about 80°–300°C, (iii) powdering and calcining the dried mixture at a temperature of about 500°–1000°C for about 1–100 hours and (iv) making by known methods the pellets, extrudes or granules of the catalyst of required size.

(Compl. Specn. 21 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 123

184563

Int. Cl.⁴ : C 05 D 1/04.

A PROCESS FOR THE EXTRACTION OF POTASH FROM GLAUCONITIC SANDSTONE USEFUL FOR FERTILISER APPLICATION.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventor : RAKESH KUMAR REWLEY, INDIA.

Application for Patent No. 243/Del/91 filed on date 22-3-91.

Complete left after provisional filed on 2-8-91.

Appropriate Office for Opposition Proceedings (Rule 4. Patents Rules, 1972), Patents Office Branch, New Delhi-110 005.

2 Claims

A process for the extraction of potash from glauconitic sandstone useful for fertiliser application, which comprises crushing and grinding the glauconitic sandstone, mixing thoroughly the glauconitic sandstone powder with calcium chloride dihydrate powder in the ratio in the range of 1 : 0.2 to 1 : 3, heating the mixture at a temperature of 650 to 800°C for a period of 20 to 60 minutes, followed by leaching with water to obtain potash in solution form, and if required isolating the potash in solid form by known methods.

(Provl. Specn. 9 Pages;

Drgn. Sheet Nil)

(Compl. Specn. 12 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 32 F, C.

184564

Int. Cl.⁴ : 07 C—102/08.

AN IMPROVED PROCESS FOR THE PREPARATION OF N-MONOSUBSTITUTED AMIDES FROM NITRILES AND ALCOHOLS."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA AND INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

ABDUL RAKEEB ABDUL SUBHAN DESHMUKH—INDIA

VIKAS KALYANRAO GUMASTE—INDIA AND

BABURAO MANIKRAO BHAWAL—INDIA.

Application for Patent No. 437/Del/91 filed on 21st May, 1991.

Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An improved process for the preparation of N-monosubstituted amides of formula III.



III

wherein R^1 is aliphatic, aryl or acrylyl groups, R^2 is aliphatic, cycloaliphatic or aromatic radicals, which comprises heating a mixture of nitrile of the formula I.



I

wherein R^1 is as defined above and alcohol of formula II.



II

wherein R^2 is as defined above, in the presence of a non corrosive conventional catalyst consisting of large pore zeolite, containing therein a mixture of crystalline aluminosilicates, large pore silicates, rare earth metal oxides and a binder, at a temperature in the range of from 80—150°C, for 1-48 hrs, filtering the reaction mixture to remove the catalyst, and the N-monosubstituted amide formed is obtained by distilling off the excess alcohol and unreacted nitrile, which if desired, is recycled.

(Compl. Specn. 8 pages;

Drgn. 1 sheet)

Ind. Cl. : 32 F₂C

184565

Int. Cl.⁴ : C 07 C, 102/08.

AN IMPROVED PROCESS FOR THE PREPARATION OF N-MONOSUBSTITUTED AMIDES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors :

BABURAO MANIKRAO BHAWAL, INDIA

ABDUL RAKEEB ABDUL SUBHAN DESHMUKH, INDIA

VIKAS KALYANRAO GUMASTE, INDIA

Application for Patent No. 438/Del/91 filed on 21-5-91.

Appropriate office for opposition proceedings (Rule 4. Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An improved process for the preparation of N-monosubstituted amides of formula III



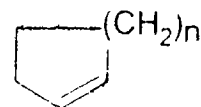
III

wherein R^1 is aliphatic aryl or acrylyl groups and R^2 is cyclic olefin having 5 or 6 carbons which comprises heating a mixture of nitrile of formula I.



I

wherein R^1 is as described above, and an olefin of formula II.



II

in the presence of a catalyst consisting of large size zeolites containing therein a mixture of crystalline aluminosilicate, large pore silicates, rare earth metal oxides and a binder at a temperature in the range of 80° to 150°C, filtering the reaction mixture to remove the catalyst, distilling the filtrate to obtain, N-monosubstituted amide.

(Compl. Specn. 9 pages

Drgn. 1 sheet)

Ind. Cl. : 32 F₂C & 40 B

184566

Int. Cl.⁴ : C 07 C 39/08.

AN IMPROVED PROCESS FOR THE SEPARATION OF CATECHOL AND HYDROQUINONE (DIHYDROXY-BENZENE ISOMERS) USING ZEOLITE NA-Y.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA.

Inventors :

PRAMOD PRABHAKAR MOGHE, INDIA

PAUL RATNASAMY, INDIA

RAMNATH NARAYAN BHAT, INDIA

SURYAKANT GANESH HEGDE, INDIA

ASHWINI VINAYAK POL, INDIA

PRAKASH KONDIRA BAHIRAT, INDIA.

Application for Patent No. 439/Del/91 filed on 21-5-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

3 Claims

An improved process for the separation of catechol and hydroquinone (dihydroxybenzene isomers) using zeolite Na-Y which comprises passing the mixture of dihydroxy benzene isomers having a pH between 2-4, through a column containing Zeolite-Na-Y, eluting the resultant absorbent with an organic solvent such as here in described and capable of dissolving catechol and/or hydroquinone except benzene at a temperature in the range of 20° to 35°C at a normal atmospheric pressure.

Compl. Specn. 11 pages

Drng. Nil sheet)

Ind. Cl. : 53 C

184567

Int. Cl.⁴ : B 62 K 3/00.

"A BICYCLE WITH NOVEL DRIVING MEANS."

Applicant : SHANMUGASUNDARAM VENKATESAN, AN INDIAN NATIONAL OF S-466, GREATER KAILASH, PART-I, NEW DELHI-110048, INDIA.

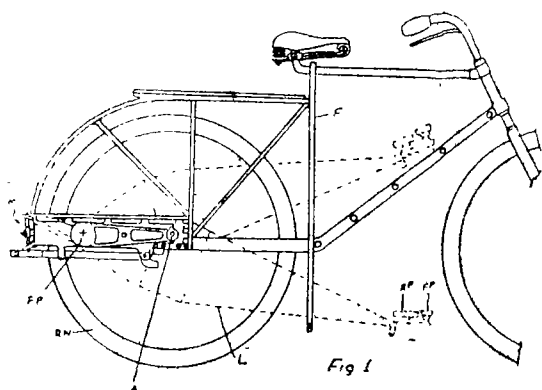
Inventor : SHAMUGASUNDARAM VENKATESAN—INDIAN.

Application for Patent No. 463/Del/91 filed on 29th May, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

7 Claims

Driving or propelling mechanism for use in the bicycle or cycle rickshaw comprising a pair of sawtoothed gear wheels adapted to be mounted on the axle of the rear wheel of the bicycle on either side thereof, a pair of levers pivotally secured on either side of the main frame of the bicycle at the fulcrum point thereof beyond the axle of the rear wheel for rotating said sawtoothed gear wheels, the alternating means provided at the rear of the frame for providing up and down motion to said levers alternatively upon actuation said levers.



(Compl. Specn. 9 pages

Drng 1 sheet)

Ind. Cl. : 128 A, G

184568

Int. Cl.⁴ : A 61 F 13/00.

"AN IMPROVED SANITARY NAPKIN."

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA. OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

ALAN EUGENE BYRD—U.S.A.
THOMAS WARD OSBORN III—U.S.A. AND
GARY EUGENE MCKIBBEN—U.S.A.

Application for Patent No. 475/Del/91 filed on 3-6-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005

14 Claims

An improved sanitary napkin having a longitudinal center-line (36) two longitudinal (30) and two lateral side margins, (32) said sanitary napkin comprising :

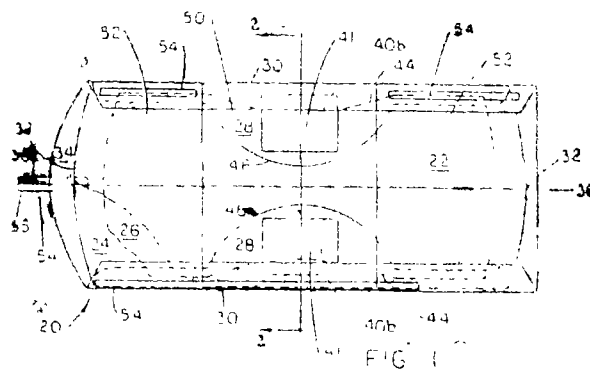
a topsheet (22) as herein before described;

a backsheet as (24) herein before described, joined to said topsheet for the whole or part of their peripheries and having opposed inward and outward faces;

an absorbent core (26) intermediate said topsheet and said backsheet; at least one adhesive patch joined to said outward face of said backsheet;

optionally two flaps (28) each flap having a proximal end joined to one said longitudinal side margin and extending outwardly therefrom a distal edge, each said flap having two mutually opposed faces, a first face coextensive of said topsheet (22) a second face coextensive of said backsheet (24) having said adhesive patch thereon, said flaps being over one of said topsheet or said backsheet;

a releasable wrapper (34) having one end juxtaposed with a lateral side margin (32) of said sanitary napkin and releasably affixed to at least major face of said sanitary napkin and wrapping at least one said longitudinal side margin in a fold.



(Compl. Specn. 26 pages

Drngs. 3 sheets)

Ind. Cl. : 32F2C, 55E,

184569

Int. Cl.⁴ : C 07C 101/24.

"A PROCESS FOR THE SYNTHESIS OF N-ACETYLNORMURAMYL-N -FATTY -ACYL-L-LYSYL-D-ISO-GLUTAMINE."

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

BIJOY KUNDU—INDIA
SHAHEENA YASMIN RIZVI—INDIA
SANDHYA MISHRA—INDIA
WAHAJUL HAQUE—INDIA
ANJU PURI—INDIA
RAM PRAKASH SAXENA—INDIA
KRISHNA CHANDRA SAXENA—INDIA
KRISHNA BIHARI MATHUR—INDIA

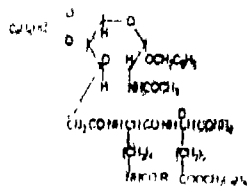
Application for Patent No. 1362/Del/95 filed on 20-07-95.

Complete left after provisional filed on 18-10-96.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

8 Claims

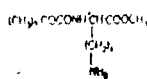
A process for the synthesis of N-acetylnormuramyl-N^X-Fatty-acyl-L-lysyl-D-isoglutamine of the general formula 1



FORMULA 1

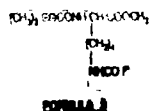
where R represents n-alkyl chains ranging from 3 to 17 carbon atoms.

- (i) Hydrogenating of N^X Boc—, Z or Fmoc and N^E ZL-lysine alkyl ester was carried out in the presence of commonly used hydrogenating catalyst by known methods to get N^X Boc—, Z or Fmoc L-lysine alkyl ester of the formula 2,



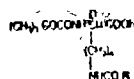
FORMULA 2

- (ii) Treating N^X Boc—, Z or Fmoc L-lysine alkyl ester of the formula 2 with fatty acid (C3-C17) and dicyclohexylcarbodiimide and/or 1-hydroxybenzotriazole (DCC/HOBT) in dry Dimethyl formamide (DMF) to get N^X Boc—, Z or Fmoc protected-N^E-Fattyacyl-lysine alkyl ester of the formula 3,



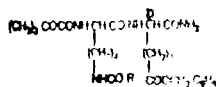
FORMULA 3

- (iii) Treating L-lysine derivative of the formula 3 with aqueous alkali in methanol to get N^X-Boc—, Z or Fmoc, N^X-Fattyacyl-L-lysine of the formula 4,



FORMULA 4

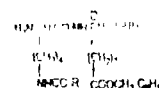
- (iv) Reacting L-lysine derivative of formula 4 with T-benzyl-D-isoglutamine using DCC/HOBT to get N^X-Boc-, Z or Fmoc N^P-Fattyacyl-L-lysyl-T-benzyl-D-isoglutamine of the formula 5.



FORMULA 5

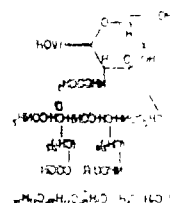
- (v) Treating dipeptide, N^X-Boc-, Z or Fmoc N^P-Fattyacyl-L-lysyl-T-benzyl-D-isoglutamine of the formula 5 with mineral acid followed by neutralising

with conventional tertiary amine to get N^E-Fattyacyl-L-lysyl-T-benzyl-D-isoglutamine of the formula 6.



FORMULA 6

- (vi) Reacting dipeptide amine of the formula 6 with 1-x-o-benzyl-4, 6-o-benzylidene N-acetylnormuramic acid using mixed anhydride generated from isobutylchloro-formate and N-methyl morpholine to get 1-x-o-benzyl-4, 6-o-benzylidene, N-acetylnormuramyl-N^E-Fattyacyl-L-lysyl-T-benzyl-D-isoglutamine of the formula 7.



FORMULA 7

- (vii) Hydrogenating the protected glycopeptide of the formula 7 in acetic acid in the presence of commonly used hydrogenation catalyst at room temperature to get N-acetylnormuramyl-N^E-Fattyacyl-L-lysyl-D-isoglutamine of the formula 1.

(Provisional Specification 3 pages

Drgn. Nil sheet)

(Compl. Specn. 13 pages

Drngs. 2 sheets)

Ind. Cl. : 55 E,

184570

Int. Cl.⁴ : A 61 K 9/20, 31/00.

PROCESS FOR THE PREPARATION OF PHARMACEUTICAL TABLET COMPRISING RANITIDINE AS CORE COATED WITH A POLYMERIC FILM.

Applicant : RANBAXY LABORATORIES LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, 19 NEHRU PLACE, NEW DELHI-110019.

Inventors :

JITENDRA KRISHAN SOMANI, INDU BHUSHAN & RAJIV MALIK (INDIA).

Application for Patent No. 2061/Del/95 filed on 13-11-95.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

8 Claims

A process for the preparation of pharmaceutical tablet comprising ranitidine base or any salt thereof as core coated with a polymeric film comprising blending ranitidine base or any salt thereof with conventional diluents, disintegrants and lubricants either individually or any admixture thereof and compressed directly or by employing known dry and/or wet granulation techniques and tablet so prepared is coated with a polymer film characterised in that the tablet core is coated with a polymer film forming composition comprising a cellulose ether and castor oil as plasticizer from 1% to 25% w/w of cellulose ether in hydro alcoholic or non-aqueous solvents.

(Compl. Specn. 8 pages

Drng. Nil sheet)

Ind. Cl. : 32, 2

184571

Int. Cl.⁴ : C 01 B 21/00.**"PROCESS AND APPARATUS FOR PREPARING DIMIT-ROOEN PENTOXIDE."**

Applicant : THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OR GREAT BRITAIN AND NORTHERN IRELAND, A BRITISH CORPORATION SOLE OF WHITEHALL, LONDON SW1A 2ND, ENGLAND

Inventors :

ORRVILLE EUAN GORDEN BAGG—ENGLAND
ANTHONY WILLIAM ARBER—ENGLAND.

Application for Patent No. 700/Del/91 filed on 31-07-91

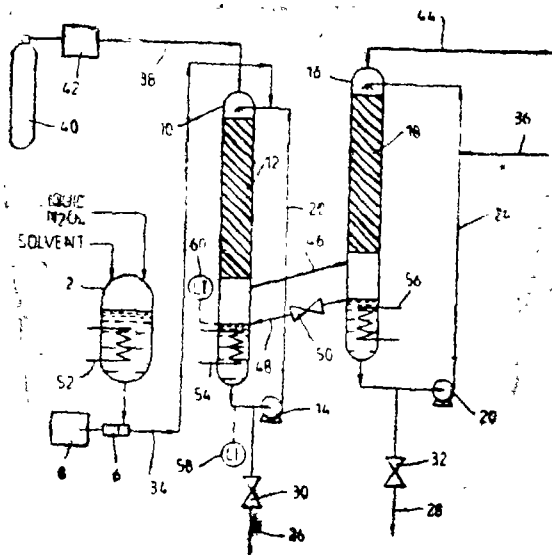
Convention Application No. 9017134.9/U.K./04-08-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

19 Claims

A process for preparing N_2O_5 comprising the steps of :

- providing a solution of N_2O_5 in the first body of a volatile inert organic solvent of the kind such as herein described;
- contacting the said solution with a carrier gas containing at a temperature sufficient to promote formation of N_2O_5 and evaporating the said solvent into the said carrier gas;
- contacting the said N_2O_5 laden carrier gas with the second body of the said inert organic solvent at a temperature below that of step (b) to condense N_2O_5 therein; and
- recovering the condensed N_2O_5 within the solvent from step (c).



(Compl. Specn. 17 pages)

Drng. 1 sheet)

Ind. Cl. : 126 CD

184572

Int. Cl.⁴ : G 01 R 11/10**A DEVICE FOR DISPLAYING A RESIDUAL ELECTRIC CHARGE OF A BATTERY OF AN ELECTRICALLY DRIVEN VEHICLE.**

Applicant : HONDA GIKEN KOGYO KABUSHIKI KAISHA, A JAPANESE COMPANY, OF NIIZA-SHI, SAITAMA, JAPAN.

Inventors :

YOSHIHIRO NAKAZAWA, JAPAN.
SATOSHI HONDA, JAPAN.
HORUYUKI SUZUKI, JAPAN.
SHIGEMI SASAKI—JAPAN

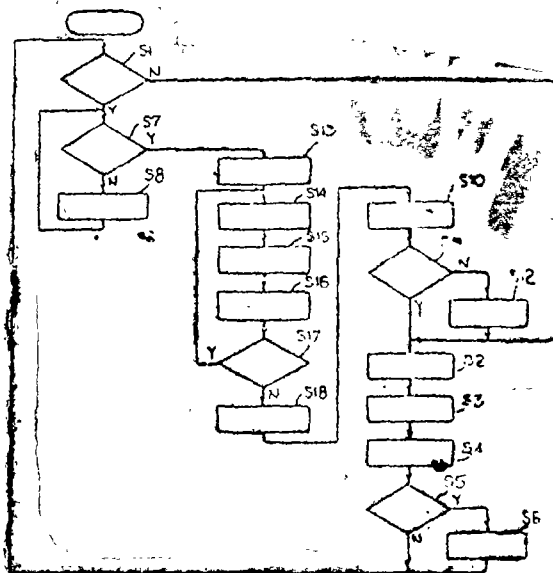
Application for Patent No. 759/Del/91 filed on 20-08-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patents Office Branch, New Delhi-110 005.

2 Claims

A device for displaying a residual electric charge of a battery of an electrically driven vehicle comprising :—

current measuring means (11) operatively connected to said battery (9) for measuring the current from/to said battery (9), a controller operatively connected to said current measuring means for calculating the residual electric charge of said battery (9) based on current from/to said battery (9), a residual electric charge meter (13) operatively connected to said controller for displaying said residual electric charge of the battery (9), said device controller being characterised in that : said controller (6) is provided with measuring means, calculation means, subtracting means and meter driving means, said measuring means operatively connected to said battery (9) for measuring a fully charged capacity of said battery (9) at the end of charging of said battery (9), said calculation means operatively connected to said battery (9) and current measuring means (11) for calculating consumed power based on current supplied to electrical loads of said electrically driven vehicle, said subtracting means operatively connected to said measuring means and calculation means, said subtracting means subtracting the calculated consumed power from said fully charged capacity to give a battery residual electrical charge, said meter driving means operatively connected to said subtracting means for driving a battery residual electrical charge meter (13) in accordance with the measurement result of said fully charged capacity and the calculated result of said battery residual electric charge.



(Compl. Specn. 36 Pages:

Drngs. 6 Sheets)

Ind. Cl. : 49F

184573

Int. Cl.⁴ : H 05B, 6/12.**AN ELECTRICAL COOKING APPLIANCE.**

Applicant : RACOLD APPLIANCE LIMITED, AN INDIAN COMPANY OF VANDHANA, 12TH FLOOR, 11, TOLSTOY MARG, NEW DELHI-110 001. (INDIA).

Inventor(s): KRISHAN PILAYO DE FILIPINA.

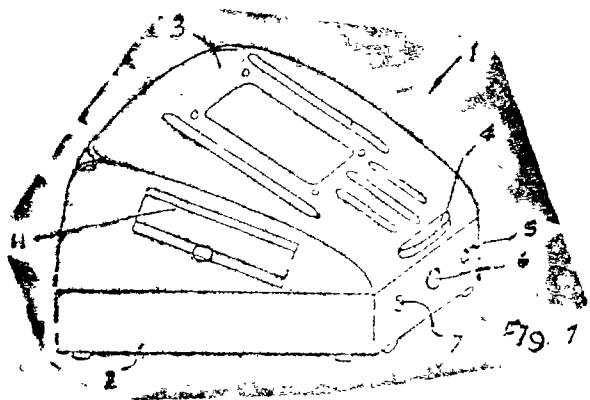
Application for Patent No. 787/DEL/91 filed on 28-08-91.

Complete left after Provisional filed on 19-10-1992.

Appropriate Office for Opposition Proceedings. (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

(5 Claims)

An electrical cooking appliance comprising a base member (2) having means for supporting an utensil on said base member (2), characterized in that a hood member (3) being secured hinged to the base member (2) at its rear side, a heating element (9) secured around the central opening (8) provided in the central portion of said hood member (2), opening (11) being provided on both side walls of said hood member (3) to introduce a baffle plate (12) into said hood member (3) for providing indirect radiant heat to the cooking material required for baking purposes.



(Complete Specification 9 Pages Drawing Sheet 1)
(Provisional Specification 6 Pages Drawing Sheet Nil).

Ind. Cl.: 98E.

184574

Int. Cl.: C 09K 3/00 & B 65D 81/38.

A PACKING ELEMENT FOR USE IN THE MANUFACTURE OF A PACKING MODULE.

Applicant: ENGINEERS INDIA LTD., 1, BHIKAIJI, CAMA PLACE, EI BHAWAN, R.K. PURAM, NEW DELHI-110 066, INDIA

Inventor(s):

DR. SUKUMAR BANIK-INDIA

DR. SWARNJIT CHOPRA-INDIA

MR. TARUN KUMAR SARKAR-INDIA

MR. KAUSHIK MAZUMDAR-INDIA

MR. RAVINDER CHAWLA-INDIA.

Application for Patent No. 800/DEL/91 filed on 29-08-91.

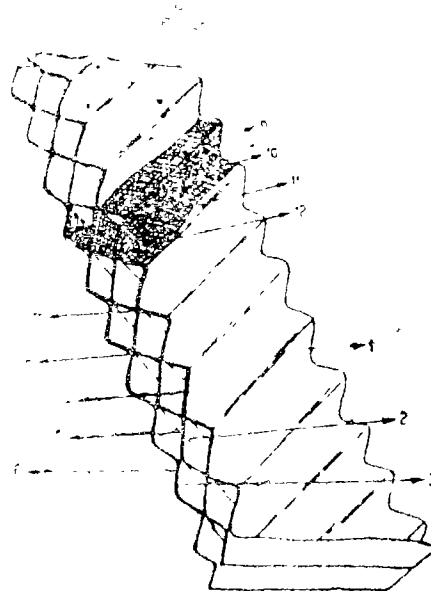
Appropriate Office for Opposition Proceedings. (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(6 Claims)

A packing element for use in the manufacture of a packing module for mass transfer/or heat transfer columns which comprises at least one plate (1, 2, 3) extending in the direction of flow of the fluids in said column, the said at least one plate (1, 2, 3) having a longitudinal direction and a lateral direction at right angles to said longitudinal direction, said plate (1, 2, 3) consisting of corrugations extending obliquely to direction of flow and to both said longitudinal and lateral directions, characterised in that said corrugations

comprises both large corrugations (4, 5, 6) and shallow corrugations, (19, 10) said large corrugations (4, 5) consisting of rounded crests and troughs extending obliquely to the direction of flow and said shallow corrugations (9, 10) extending throughout the surface of said plate (1, 2, 3) and a plurality of oblong slots (11,12) are located on at least a portion of said plate at predetermined pitches and angles.

FIG. 1



(Complete Specification 13 Pages

Drawing Sheets 3)

Ind. Cl.: 33F

184575

Int. Cl.: B 22 C.

A CASTING MOLD FOR CASTING OF A WORKPIECE.

Applicant: SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A."

2 BOULEVARD DU GENERAL MARIHALVALIN 75015 PARIS, FRANCE.

Inventor(s):

LAMANTHE GHISLAINE-JAPAN,

LALLEMENT BERNARD-FRANCE.

PUISSANT ALAIN-FRANCE.

Application for Patent No. 861/DEL/91 filed on 16-9-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

(6 Claims)

A casting mold for casting of a workpiece from liquid metal by a single crystal solidification to prevent growth of parasitic grains in the said workpiece, comprising:

(a) a mold portion defining a casting cavity in the shape of the desired workpiece; and,

(b) a feeder portion defining a feeder cavity;

wherein the said feeder cavity is not in direct contact with the said casting cavity and the said feeder portion receiving a thermal mass in the said feeder cavity to enable transfer of heat to a liquid metal in the casting cavity during the casting of the desired workpiece to prevent parasitic grain growth in the liquid metal adjacent to the location of the said feeder portion.

(Complete Specification 10 Pages

Drawing Sheet 1)

Ind. Cl.: 192G

184576

Int. Cl.: C 22C 33/00, 38/00.

A PROCESS FOR THE MANUFACTURE OF SHAPED PRODUCTS FROM OXIDE DISPERSION STRENGTHEN FERRITIC ALLOYS.

Applicant: P. S. MISRA, PROFESSOR, MET. ENGG. DEPT., UNIVERSITY OF ROORKEE, ROORKEE-247 667, U.P. AND AMAR SINGH SUDAN, ASSTT. PROF. MET. ENGG. DEPT., REGIONAL ENGINEERING COLLEGE, SRINAGAR, INDIA.

Inventor(s):

P. S. MISRA—INDIA.

AMAR SINGH SUDAN—INDIA.

Application for Patent No. 858/DEL/91 filed on 16-9-91.

Complete Left after provisional filed on 16-12-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(5 Claims)

A process for the manufacture of shaped product of oxide dispersion strengthened ferritic alloys which comprises in introducing 26 to 34% by weight of low carbon ferro chrome powder, 0-6% by weight of aluminium powder 0 to 0.5% by weight of yttrium oxide and remainder being iron powder, subjecting the powdered mix to the step of encapsulation, heating said encapsulated mix to 1/2 to 2 (hours), subjecting the heated encapsulated mix to the step of forging followed by the step of homogenization at an elevated temperature and finally subjecting the homogenized product to the step of thermo-mechanical treatments to obtain the shaped product.

(Provisional Specification 5 pages;

Drawing Sheet Nil)

(Complete Specification 10 pages;

Drawing Sheet Nil)

Ind. Cl.: 128A, 60B

184577

Int. Cl.: A 61F 13/16, 13/18

ABSORBENT ARTICLE HAVING IMPROVED SHAPE AND ADHESIVE FASTENING MEANS.

Applicant: THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors:

ALYCE JOHNSON PAPA, U.S.A.

THOMAS WARD OSBORN, U.S.A.

ALLISON HAACK GLACKIN, U.S.A.

CHARLES WILLIAM AMOS JR, U.S.A.

RAPHAEL JOSEPH RILEY, U.S.A.

Application for Patent No. 885/Del/91 filed on 20-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

An absorbent article having a caliper of less than or equal to about 5 millimeters, a central region disposed between two end regions, a periphery, a portion of said periphery bounding said central region, and a portion of said periphery bounding said end regions, said absorbent article comprising a liquid pervious topsheet, a liquid impervious backsheet, said backsheet having a core-facing side and a garment side, an absorbent core positioned between said topsheet and said backsheet;

and an adhesive fastening means on said garment side of said backsheet for attaching said absorbent article to a garment, wherein the

said fastening means comprises at least one zone of adhesive having outside edges and ends spaced at a distance predetermined distance as herein described, from said portion of said periphery which bounds the end regions of said absorbent article.

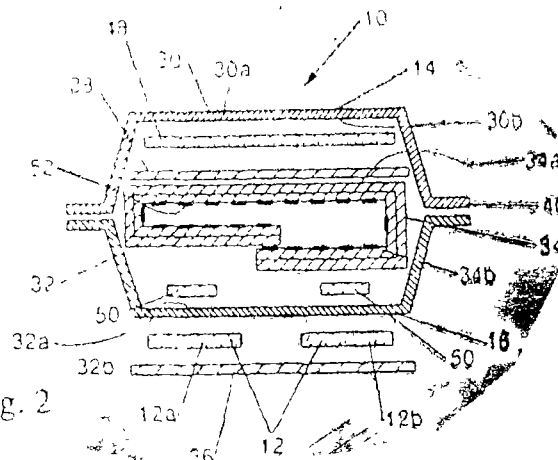


Fig. 2

(Compl. Specn. 28 Pages;

Drgns. 7 Sheets)

Ind. Cl.: 62 E

184578

Int. Cl.: C 08 5/08

AN ALKYL ESTER SULFONATE DETERGENT COMPOSITION.

Applicant: THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors:

BRUCE PRENTISS MURCH, U.S.A.

MARK HSIANG-KUEN MAO, U.S.A.

Application for Patent No. 916/Del/91 filed on 26-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

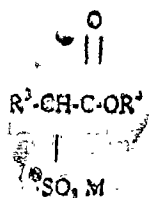
An alkyl ester sulfonate detergent composition which comprises,

(a) 1 to 50% by weight of a polyhydroxy fatty acid amide surfactant of the formula



wherein R¹ is H, C₁-C₄ hydrocarbyl, 2-hydroxy ethyl or 2-hydroxy propyl, R² is C₇-C₂₁ hydrocarbyl and Z is polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyls directly connected to said chain, or alkoxylated derivatives thereof; and

- (b) 1 to 5% by weight of an alkyl ester sulfonate, preferably a methyl ester sulfonate, surfactant of the formula



wherein R^3 is C_8 to C_{20} hydrocarbyl and R^1 is C_1 to C_6 hydrocarbyl, and M is a soluble salt-forming cation; and

- (c) the balance being optionally additional conventional detergent components wherein said compositions comprises polyhydroxy fatty acid amide : alkyl ester sulfonate weight ratio of from 1 : 10 to 10 : 1.

(Compl. Specn. 74 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 170 B & D

184579

Int. Cl.⁴ : C 11D 1/83 3/32

AN ENHANCED SOIL RELEASE DETERGENT COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors :

ROBERT YA-LIN PAN, U.S.A.

EUGENE PAUL GOSSELINK, U.S.A.

Application for Patent No. 919/Del/91 filed on 26-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

14 Claims

An enhanced soil release detergent composition comprising from 4-50% of one or more anionic or nonionic surfactants such as herein described.

0.01 to 10% of soil release agents having hydrophile components and hydrophobe components,

1-50% of a soil release agents comprising a soil release agent-enhancing amount of polyhydroxy fatty acid amide surfactant of the formula :—



wherein R^1 is H, $\text{C}_1\text{-C}_4$ hydrocarbyl, 2-hydroxy ethyl, 2-hydroxy propyl, or a mixture thereof, R^2 is $\text{C}_8\text{-C}_{14}$ hydrocarbyl, and Z is a polyhydroxyhydrocarbyl having a linear hydrocarbyl chain with at least 3 hydroxyls directly connected to said chain, or an alkoxylated derivative thereof,

and the balance being additional conventional deterative ingredients and carriers.

(Compl. Specn. 75 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 170 D

184580

Int. Cl.⁴ : C 11 D 17/08

A STABLE STORAGE SOLID LAUNDRY DETERGENT COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA.

Inventors :

AGAR, JOSEPH THOMAS HENRY, GREAT BRITAIN & HOLT, DAVID ERIC, GREAT BRITAIN.

Application for Patent No. 965/Del/91 filed on 04th Oct. 1991.

Convention Application No. 9021761.3/UK/06-10-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

18 Claims

A stable storage solid laundry detergent composition, comprising by weight

- from 5-20% of surfactants ;
- from 25-60% of one or more non phosphate detergent builder salts ;
- from 3-20% of an alkali metal percarbonate bleach ;
- and the balance being convention detergent ingredients wherein the said composition :—
- has a bulk density of atleast 650 g/litre, and comprises at least one multi-ingredient component;
- contains less than 25 ppm total of iron, copper and manganese ions; and
- has an equilibrium relative humidity of not more than 30% at 32°C.

(Compl. Specn. 45 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 40B

184581

Int. Cl.⁴ : C 08 F4/64

PROCESS FOR THE POLYMERIZATION OF OLEFINS.

Applicant : MONTELL TECHNOLOGY COMPANY B.V. OF HOEKSTEEN 66, 2132 MS HOOFFDROOP, THE NETHERLANDS.

Inventors :

- MARIO SACCHETTI.
- STEFANO PASQUALI.
- GABRIELE GOVONI.

Application No. 544/Cal 95 filed on 16-5-1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

23 Claims

A process for the polymerization of olefins $\text{CH}_2=\text{CHR}$ in which R is hydrogen or an alkyl, cycloalkyl radical with 1-10 carbon atoms, the polymerization being carried out in the presence of a catalyst which is the product of the reaction of :

a component comprising a compound of a transition metal M selected among Ti, V, Zr and Hf containing at least one M-π bond, and a halide of Mg, characterized by surface area (BET) greater than 50m²/g, porosity (BET) greater than

Int. Cl.: F 02 C 7/12

184584

Appropriate office for opposition proceeding (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

Ind. Cl.: 190A.

APPARATUS FOR COOLING THE COOLANT OF THE GAS TURBINE OF A GAS-TURBINE AND STEAM-TURBINE PLANT.

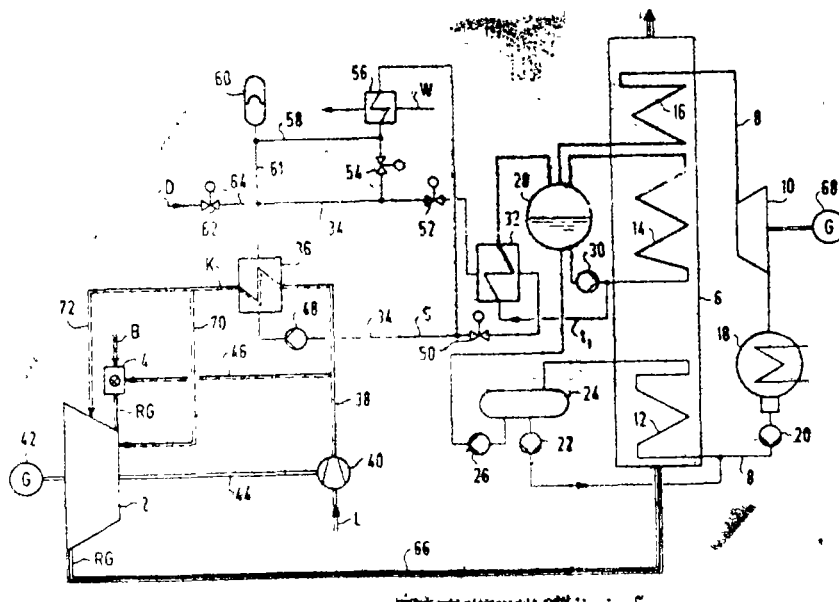
Applicant: SIMENS AKTIENGESELLSCHAFT OF WITTELSBACHERPLATZ 2, 80333 MUENCHEN, GERMANY.

Inventor: CHRISTIAN GABRIEL.

Application No. 779/Cal/94 filed on-26-9-94.

8 Claims

Apparatus for cooling the coolant of the gas turbine (2) of a gas turbine and steam-turbine plant which comprises a waste-heat steam generator (6) which is located downstream of the gas turbine (2) and the heating surface (12, 14, 16) which are connected into a water/steam circuit (8) of the steam turbine (10), characterized by an intermediate circuit (34) comprising a pump (48) and a valve (50) which is linked to a first heat exchanger (36) for cooling the coolant (L) and which is linked to a second heat exchanger (32), connected into the water/steam circuit (8), for transmitting the heat obtained thereby.



(Comp. Specn. 10 pages)

Drgns. 1 sheet

Int. Cl.: B 23 k 26/02, 26/12

184585

Int. Cl.: 47 C 206E

A LASER BASED POSITIONING/APPARATUS FOR COKE OVEN BATTERY.

Applicant: METALLURGICAL & ENGINEERING CONSULTANTS (INDIA) LIMITED OF DORANDA, RANCHI-834002, BIHAR, INDIA.

Inventor: DR. GAUTAM GUHA SARKAR.

Application No. 852/Cal/95 filed on 25-7-1995.

Appropriate office for opposition proceeding (Rule 4 Patent Rules 1972), Patent Office, Calcutta.

15 Claims

A laser based positioning apparatus for coke oven battery, adapted to be mounted rigidly to the operator's cabin of a coke oven service machine, for ensuring perfect positioning of the coke oven service machine in relation to the coke oven battery, according to requirements of the user, by coinciding projected laser beam of the apparatus with predetermined/prefixed marks/points, provided either on the coke oven battery or along the track, meant for any particular coke oven service machine, characterised in that a laser unit is securely housed inside a dust and smoke protected enclosure;

that said enclosure is adapted to be mounted to the concerned coke oven service machine by a mounting arrangement such as to provide freedom of movement of the enclosure in horizontal and vertical planes, as desired, and to provide rigid locking thereof for avoiding any relative movement of the components of the apparatus; and that the enclosure is provided with an electro-magnetic shutter mechanism for keeping an aperture, provided at the front end wall of the enclosure, closed in the normal inoperative state of the apparatus, and for keeping the same open, in operation of the apparatus, so as to allow the laser beam to project through the aperture.

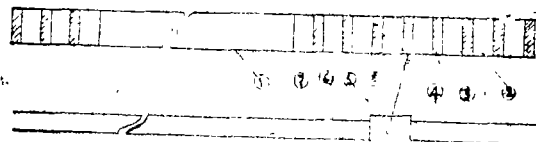


Fig. 1

(Comp. Specn. 21 pages)

Drgns. 5 sheets)

Int. Cl.: C 08 J 3/00, C 25 D 9/02.

184586

Ind. Cl.: 152 F.

ELECTRODEPOSITABLE COATING COMPOSITIONS HAVING IMPROVED CURE RESPONSE.

Applicant: PPG INDUSTRIES OHIO INC. OF 3800 WEST 143RD STREET, CLEVELAND, OHIO 44111, UNITED STATES OF AMERICA.

Inventors:

1. ROBERT RAYMOND ZWACK.
2. EDWARD RAY COLERIDGE.
3. GREGORY JAMES MCCOLLUM.

Application No. 1201/Cal/95 filed on 6-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

An electrodepositable composition comprising (a) an active hydrogen containing cationic resin electrodepositable on a cathode; (b) 5 to 60% by weight based on the amount of resin solids of a capped polyisocyanate curing agent and (c) 0.05 to 0.5% by weight of an organotin containing catalyst; characterized by including 0.1 to 3.0% by weight based on the weight of the cationic resins and capped polyisocyanate curing agent, a water immiscible acid-functional compound having a hydrocarbon chain of at least 5 carbon to 34 carbon atoms.

(Comp. Specn. 41 pages.

Drngs. Nil)

Int. Cl.⁴: C 22 C 9/00.

184587

Ind. Cl.: 9 E.

METHOD OF MANUFACTURING IMPROVED WEAR-RESISTANT COPPER ALLOY FOR SYNCHRONIZER-RING.

Applicant: MITSUBISHI MATERIALS CORPORATION, OF 1-5-1 OTEMACHI, CHIYODA-KU, TOKYO 100, JAPAN.

Inventors:

1. MASAO KOBAYASHI.
2. YOSHIHARU MAE.

Application No. 1313/Cal/95 filed on 26-10-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

Method of manufacturing an improved wear-resistant copper alloy for a synchronizer-ring by method known per se characterised in that said alloy has the following composition—

Zn: 20 to 40 wt %;

Al: 2 to 11 wt%

at least one element selected from a group consisting of Fe,

Ni, Co: 1 to 5 wt %;

Ti: 0.1 to 4 wt %;

Mn: 0.02—0.08 wt % and/or S: 0.0005 to 0.01 wt %

Mg: 0.01 to 0.5 wt % optionally; and Cu and unavoidable impurities: balance

(Comp. Specn. 14 pages.

Drngs. 1 sheet)

Int. Cl.³: G 02 B 27/18.

184588

Ind. Cl.: 146 D.

LOW TEMPERATURE FORMED THIN FILM ACTUATED MIRROR ARRAY.

Applicant: DAEWOO ELECTRONICS CO. LTD. OF 541, 5GA, NAMDAEMOON-RO, JUNG-GU SEOUL, REPUBLIC OF KOREA.

Inventor: YONG-KI MIN.

Application No. 1487/Cal/95 filed on 21-11-1995.

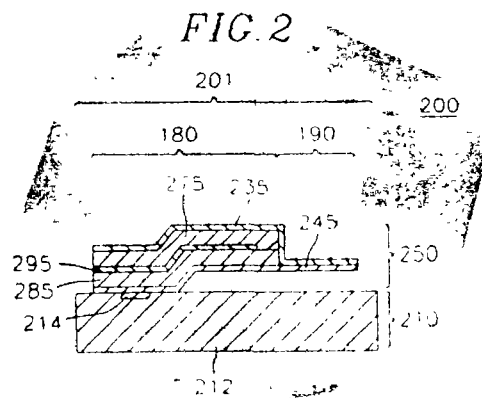
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

An array (200) of MxN thin film actuated mirrors (201), wherein M and N are integers, M and N indicating the column and the row in the array, respectively, for use in an optical projection system, the array (200) comprising:

an active matrix (210), having a top surface and including a substrate (212) with an array of MxN connecting terminals (214) and an array of MxN transistors; and

an array of MxN actuating structures (250), each of the actuating structures (250) being of a bimorph structure, each of the actuating structures (250) having an actuating and a light reflecting portions (180, 190), the actuating portion (180) in each of the actuating structures (250) including a front portion of a first thin film electrode (235), an upper electrodisplacive member (275), an intermediate electrode (295) a lower electrodisplacive member (285) and a front portion of a second thin film electrode (245) the light reflecting portion (190) including the remaining portion of the first thin film electrode (235) and the remaining portion of the second thin film electrode (245) the electrodisplacive members (275) being made of a material characterized wherein said material: crystallographically asymmetric, exhibits no hysteresis, and is formed at a temperature ranging from 200°C to 300°C, wherein bottom of the front portion of the second thin film electrode (245) is electrically connected to each of the connecting terminals (214) and each of the transistors to thereby allow the second thin film electrode (245) to function as a signal electrode, the lower electrodisplacive member (285) is placed on top of the front portion of the second thin film electrode (245), the intermediate electrode (295) is formed on top of the lower electrodisplacive member (285) and functions as a common bias electrode the upper electrodisplacive member (275) is placed on top of the lower electrodisplacive member (285) with the intermediate electrode (295) located therebetween, and the first thin film electrode (235) made of a light reflecting and electrically conducting material is placed on top of the upper electrodisplacive member (275) and the remaining portion of the second thin film electrode (245) in the light reflecting portion (190), the first and the second thin film electrodes 235, 245 being joined together to form the light reflecting portion 190 in each of the thin film actuated mirrors (201), thereby connecting electrically the first thin film electrode (235) with the second thin film electrode (245), allowing the first thin electrode (235) to function as a mirror and the signal electrode in each of the actuating structures (250) and the light reflecting portion (190) to stay planar when the electric signal is applied to the thin film actuated mirrors (201).



(Compl. Specn. 27 pages;

Drngs. 11 sheets)

Ind. Cl. : 32 C, 55 E.

184589

Int. Cl. : C 07 K 3/02, 15/04

C 07 K-17/02.

A METHOD FOR PREPARING A STABLE PROTEIN COMPOSITION.

Applicant : ALZA CORPORATION OF 950, PAGE MILL ROAD P.O. BOX 10950, PALO ALTO, CALIFORNIA 94303-0802 UNITED STATES OF AMERICA.

Inventors :

1. VICTORIA MARIE KNEPP
2. STEVEN JOSEPH PRESTRELSKI
3. JESSICA GRUBER SMITH
4. M/NLEY TIN FAH HUANG.

Application No. 756, Cal/97 filed on 23-9-97

Convention No.(s) 60/28167 & 60/052920 filed on 16-10-96 & 15-7-97 respectively in USA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

3 Claims

A method for preparing a stable non aqueous protein composition comprising suspending in the manner such as herein described, a proteinaceous powder such as herein described, with protein hydration less than about 10% in at least one anhydrous, aprotic, hydrophobic, non polar, low reactivity vehicle such as herein described.

(Compl. Specn. 28 pages;

Drgns. Nil sheet)

Int. Cl.⁴ : A 61 K 31/00, C 07 D 403/10.

184590

Ind. Cl. : 55 E :

PROCESS FOR THE PREPARATION OF A CARBOCYCLIC PURINE NUCLEOSIDE ANALOGUE.

Applicant : GLAXO GROUP LTD. OF GLAXO WELLCOME HOUSE, BERKELEY AVENUE, GREENFORD, MIDDLESEX, UB 6 ONN UNITED KINGDOM.

Inventors :

1. JONES MARTIN FRNACIS.
2. WALUS CHRISTOPHER JOHN.

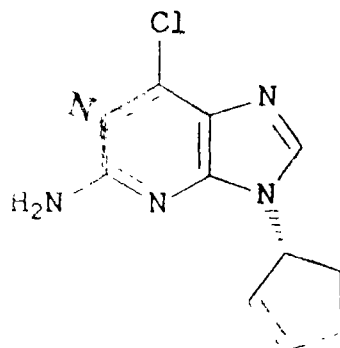
Application No. 1821/Cal/98 filed on 13-10-98.

Convention No. 9721780.6 filed on 14-10-97 in United Kingdom.

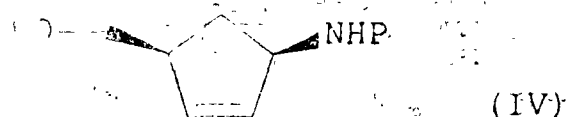
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

25 Claims

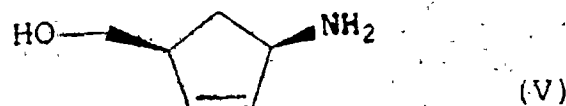
A process for the preparation of a carbocyclic purine nucleoside analogue of formula (I),



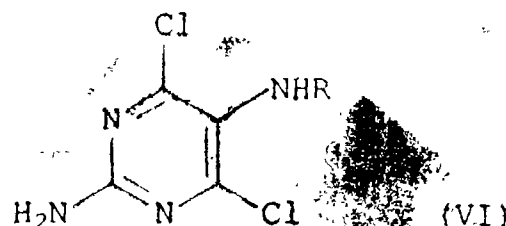
optionally in the form of its salt or complex, which comprises hydrolysing a compound of formula (IV)



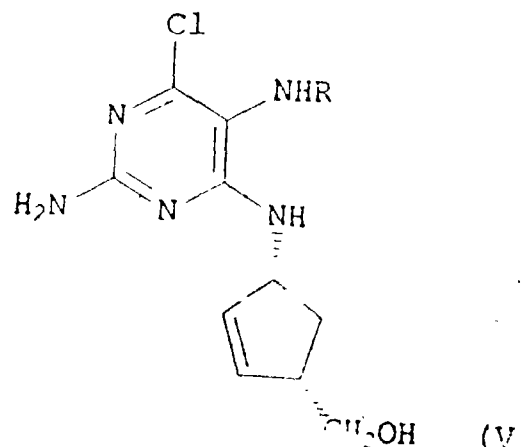
wherein P is a protecting group such as herein described, in the presence of an acid such as herein described, condensing the product of formula (V) formed



in situ in the presence of a base such as herein described with a compound of formula (VI)



in which R represents CHO or H, followed by ring closure in situ of the resulting intermediate of formula (VII)



in which R represents CHO or H, to produce a compound of formula (I), which can then be optionally reacted with an acid or complexing agent to form its salt or complex.

(Compl. Specn. 17 pages;

Drgs. Nil sheet)

Ind. Cl. : 70C

184591

Int. Cl.⁴ : C 23C 3/00.

APPARATUS FOR APPLYING SURFACE TREATMENT BY ELECTRODEPOSITION PROCESS TO METAL FOIL.

Applicant : GOULD ELECTRONICS INC., AN OHIO CORPORATION, OF 35129 CURTIS BOULEVARD, EAST LAKE, OHIO 44095, U.S.A.

Inventors :

- THOMAS JAMES AMEEN—U.S.A.
ADAM GYULA BAY—U.S.A.
ROBERT DUANE DEWITT—U.S.A.

Application for Patent No. 989/Del/91 filed on 11-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

14 Claims

An apparatus for applying a surface treatment by electro-deposition process to a metal foil comprising :—

a drum (12) rotatable about a substantially horizontal axis for guiding a continuous metal (f) foil about a predetermined path, said drum having a non-conductive outer surface;

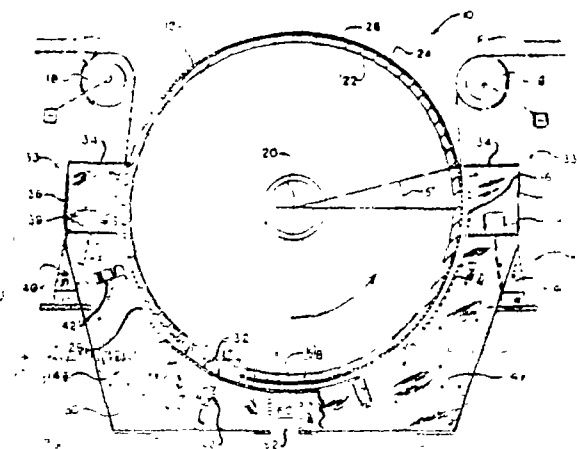
anode (14) means adapted to contain an electrolyte solution, said anode means comprising a plate (28) formed from a conductive metal of the kind such as herein described and having a radius of curvature substantially conforming to the radius of curvature of said drum, (12) said plate (28) having an upper surface facing said drum and a lower surface facing away from said drum, said plate being dimensioned to surround a lower portion of said drum, and to define an annular (16) gap between said upper surface and said drum, a portion of said predetermined path of said metal foil extending through said gap;

sealing (80) means for creating a liquid-tight seal (84) at the end of said gap between said plate (28) and said drum; (12)

flow path means for creating a continuous flow of electrolyte through said gap; and

a plurality of spaced-apart connector (42) bars secured by welding to lower surface of said plate, (28) each of said connectors being formed of the metal forming said plate and being secured to said plate (28) by multiple weld areas said weld areas between said plate (28) and said connector (42) being dimensioned to provide the primary current paths between said plate (28) and said connectors; (42)

power means connected to said metal foil and said connector to create an electrical potential across said foil and said upper surface of said tank means.



(Compl. Specn. 22 pages

Drng. 1 sheet)

Ind. Cl. : 69 H

184592

Int. Cl. : H 01 R 39/46.

A HIGH TENSION CIRCUIT BREAKER APPARATUS.

Applicant : GEC ALSTHOM SA, 38, AVENUE KLEBER 75116 PARIS, FRANCE.

Inventors :

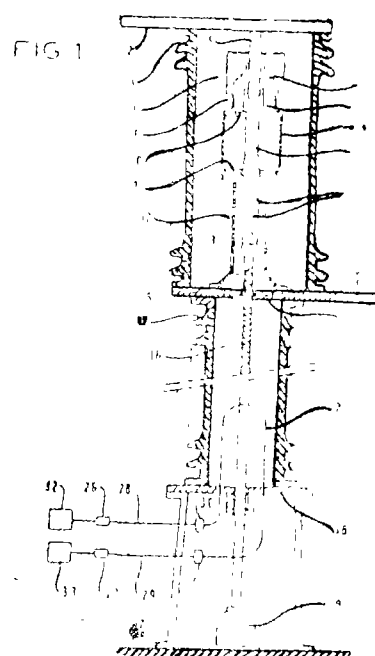
VAN DOAN PHAM—FRANCE
JOSEPH MARTIN—FRANCE
JEAN-PIERRE DUPRAZ—FRANCE

Application for Patent No. 996/Del/91 filed on 15-10-91.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

A high tension circuit breaker apparatus comprising at least one interrupting (1) chamber per phase, which chamber (1) is filled with a dielectric gas under pressure, and inside which chamber (1) there are main contacts, (4, 6) arcing contacts (5, 7) means (9, 11, 13) for blasting the arc by compressing the gas through a blast (7) nozzle, said insulating (1) chamber being placed on an insulating support (17) containing a drive (16) rod, said circuit breaker including a first terminal (2) near a first end of the chamber (1) and a second terminal (3) between a second end of the chamber (1) and said support, (17) said circuit breaker including at least one optical (25) fibre, wherein said fibre (25) is disposed inside said support (17) and constitutes a symmetrical loop around said drive (16) rod, each end of said fibre (25) being connected to a photodiode (26, 27) equipped with an amplifier, (32, 33) the amplifiers (32, 33) having difference sensitivities, said second (3) terminal being equipped with openings (35) enabling said fibre (25) to receive at least a portion of the light flux omitted by the arcs that occur in said interrupting (1) chamber.



(Compl. Specn. 9 Pages

Drngs 2 sheets)

Ind. Cl. : 40 D, 70 C 6.

184593

Int. Cl. : B 01 J 19/00.

ELECTROLYTIC BATH FOR DEPOSITING A COMPOUND.

Applicant : BP SOLAR LIMITED, A BRITISH COMPANY, OF BRITANNIC HOUSE, 1 FINSBURY CIRCUS, LONDON, EC2M 7BA, UNITED KINGDOM.

Inventors :

RODNEY JOHN MARSHALL—ENGLAND AND
JOHN MICHAEL SHERBORNE—ENGLAND

Application for Patent No. 1002 Del/91 filed on 17th Oct., 1991.

Convention Application No. 9022828.9/UK/19-10-1990.

184595

12 Clims

9 Claims

Drgns. Sheet Nil)

184596

Dings. 4 sheets)

184594

ICE BAGGING APPARATUS.

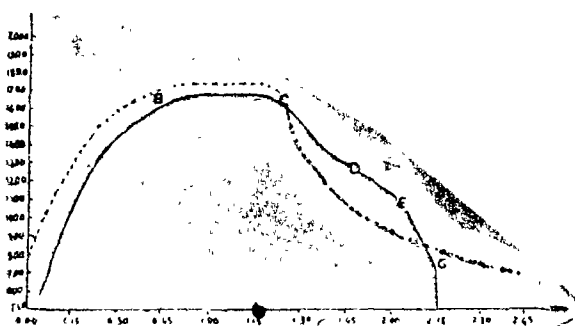
13 Clairs

Digns, 5 Sheets)

12 Claims

A process for producing regular grain oriented silicon steel having a thickness of from 7 to 18 mills (0.18 to 0.46 mm) comprising the steps of cold rolling a hot band of silicon steel containing in weight percent from 2.5% to 4.0% silicon, to intermediate gauge without an anneal of said hot band, subjecting said intermediate gauge material to an intermediate anneal at a soak temperature from 1650°F (900°C) to 2100°F (1150°C) for a soak time of from 1 second to 30 seconds, conducting a slow cooling stage from said soak temperature to a temperature of from 1000°F (540°C) to 1200°F (650°C) at a cooling rates less than 1500°F (835°C) per minute, thereafter conducting a fast cooling stage to a temperature of from 600°F (315°C) to 1000°F (540°C) at a rate greater than 1500°F (835°C) per minute followed by water quenching, cold rolling said silicon steel to final gauge, decarburizing.

coating said decarburized silicon steel with an annealing separator and subjecting said silicon steel to a final anneal to effect secondary recrystallization.



(Compl. Specn. 22 Pages:

Drgn. 1 Sheet)

Ind. Cl. : 32F

184597

Int. Cl.⁴ : F 16C 33/00

A PROCESS FOR THE PRODUCTION OF AN IMPROVED WEAR RESISTANT ALLOY CAST IRON.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

RADHA RAMAN DASH, INDIA.

SANTIPADA CHAKRABORTY, INDIA.

KANHAIYA PRASAD, INDIA.

Application for Patent No. 1027/Del/91 filed on 24-10-91.

Complete left after provisional filed on 22-10-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

3 Claims

A process for the production of an improved wear resistant alloy cast iron, which comprises :—

- (i) Melting mild steel and/or cast iron scrap, graphite and ferro-chromium at the temperature range of 1300°C to 1350°C in a manner so as to get the following composition range :—

carbon—2.6 to 2.8%

chromium—20 to 25%

Iron—Balance.

- (ii) Adding nitrogen source such as nitrided ferro-chromium powder or urea slowly in the melt to get nitrogen in the range of 0.30 to 0.50%.
- (iii) Casting the molten alloy in green sand moulds or chemically bonded sand moulds to the final shape at a temperature in the range of 1350°C to 1450°C.
- (iv) clearing of the castings obtained in step (iii) by known methods such as grinding.

(Provisional Specification 4 pages
(Compl. Specn. 9 Pages

Drgn. Nil sheet)
Drgn. Nil sheet)

Ind. Cl. : 37B, 182C

184598

Int. Cl.⁴ : B 04 B3/00

CONTINUOUSLY WORKING CENTRIFUGE FOR SPINNING OFF SUGAR MASSECUITES.

Applicant : BRAUNSCHWEIGISCHE MASCHINENBAUANSTALT AG, OF AM ALTEN BAHNHOF 5, D-3300 BRANUSCHWEIG, GERMANY.

Inventors :

HELMUT SCHAPER, GERMANY.

HEINRICH KURLAND, GERMANY.

Application for Patent No. 1039/Del/91 filed on 28-10-91.

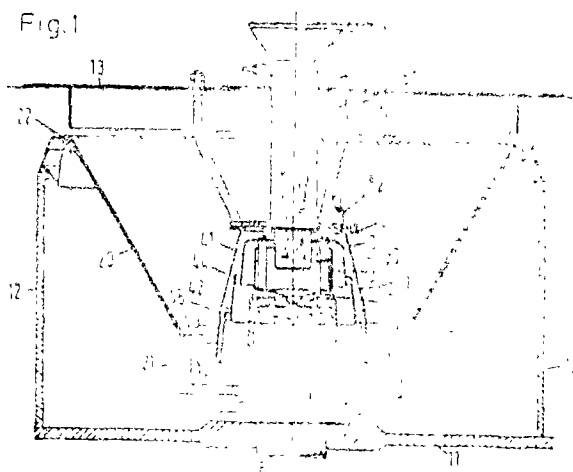
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A continuously working centrifuge for spinning off sugar massecuites, comprising :—

- (a) an upwardly conically expanded strainer basket (20) which rotates about a perpendicular axis (16);
- (b) a downwardly conically expanded product distributor (40), which reaches into the floor region of the strainer basket (20), is substantially coaxial to the said strainer basket (20), forms a throw-off edge at the bottom and rotates about the same perpendicular axis (16) as the strainer Basket (20); and
- (c) a distributor can (30) provided within and in the upper region of the product distributor (40) as a charging device for the sugar massecuites in the axis region of the centrifuge;

characterised in that the peripheral walling of the product distributor (40) has plurality of ring elements (41, 42, 43) overlapping in the axial direction and leaving an annular gap (44, 45) and in that the product distributor (40) is surrounded by a downwardly conically expanded stationary bell (50) which surrounds it with play on all sides.



(Compl. Specn. 11 Pages:

Drgns. 2 Sheets)

Ind. Cl. : 28A

184599

Int. Cl.⁴ : F 23D 14/02

A PREMIX BURNER FOR OBTAINING REDUCED NO EMISSIONS.

Applicant : EXXON CHEMICAL PATENTS, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 1900 EAST LINDEN AVENUE, LINDEN, NEW JERSEY-07036, UNITED STATES OF AMERICA.

Inventors : ARTHUR ROBERT DINICOLANTONIO,
U.S.A.

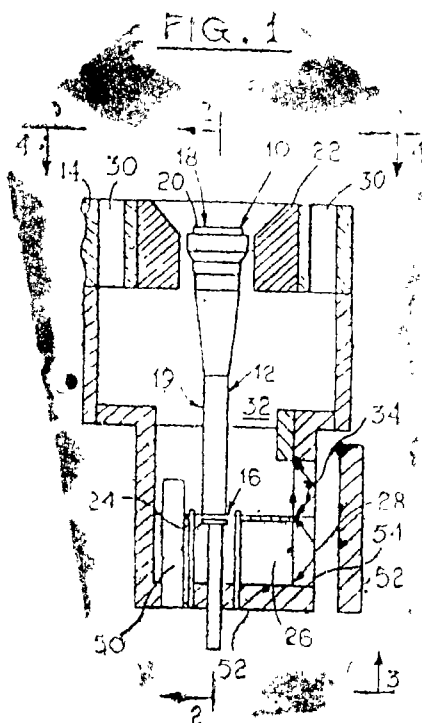
Application for Patent No. 1086/Del/91 filed on 12-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

10 Claims

A premix burner (10) for obtaining reduced No emissions in the combustion of fuel gas, said premix (10) burner being located adjacent a first opening in a furnace, said premix (10) burner comprising :

- (a) a burner (12) tube having a downstream (18) end, and having an upstream (16) end for receiving air and fuel gas, a burner (20) tip being mounted on the downstream (18) end of said burner (12) tube adjacent the first opening in the furnace, so that combustion of the fuel gas takes place at said burner (20) tip;
- (b) a gas spud (24) located adjacent the upstream (16) end of said burner (12) tube, for introducing fuel gas into said burner (22) tube : characterised in that
- (c) at least one passageway (36, 38) having a first end at a second (40, 42) opening in the furnace and a second (44, 46) end adjacent the upstream (16) end of said burner (12) tube; and
- (d) means (19) for drawing flue gas from said furnace (14) through said passageway, in response to fuel gas and air flowing through said burner (12) tube from its upstream (16) end towards its downstream (18) end, whereby the flue gas is mixed with air at said upstream (16) end of said burner (12) tube prior to the point of combustion of the fuel gas and air.



(Compl. Specn. 17 Pages;

Drgns. 5 Sheets)

Ind. Cl. : 32-3B

184600

Int. Cl.⁴ : C 08F 110/00 + 114/00

PROCESS FOR THE POLYMERISATION OF ALPHA-OLEFINS.

Applicant : SOLVAY (SOCIETE ANONYME), OF 33, RUE DU PRINCE ALBERT, B-1050 BRUSSELS, BELGIUM.

Inventors :

JEAN-LOUIS COSTA, BELGIUM.
SABINE PAMART, BELGIUM.

Application for Patent No. 1052/Del/91 filed on 30-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

23 Claims

Process for the polymerisation of alpha-olefins by subjecting in any known manner alpha-olefins to polymerisation in the presence of a catalytic system comprising an activator chosen from the organometallic compounds of metals of groups Ia, IIa, IIb and IIIb of the periodic table and a catalytic solid based on titanium trichloride complex, characterised in that the said solid is obtained by bringing $TiCl_4$, pretreated with an electron-donor compound, into contact with a composition (c) corresponding to the general formula



in which

- R represents a hydrocarbon radical;
- Y represents a group chosen from $-OR^I$, $-SR^I$ and $NR^I R^{II}$, in which R^I and R^{II} each represent a hydrocarbon radical or a hydrogen atom.
- X represents a halogen;
- p is an arbitrary number such that $0 < p < 3$; and
- q is an arbitrary number such that $0 < q < 3$;

the sum $(p+q)$ being such that $0 < (p+q) \leq 3$ to obtain a liquid material and subjecting said liquid material to a heat treatment in the presence of a halogenated activating agent.

(Compl. Specn. 37 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 128A

184601

Int. Cl.⁴ : A 61F 13/18

AN ABSORBENT ARTICLE.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO-45202, UNITED STATES OF AMERICA

Inventors :

NICHOLAS ALBERT AHR, U.S.A.
DAVID MARK OOTEN, U.S.A.

Application for Patent No. 1053/Del/91 filed on 31-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

7 Claims

An absorbent article comprising a fibrous super absorbent core, an integrally attached hydrophobic facing layer and an integrally attached impervious backsheet, wherein the hydrophobic facing layer consists of synthetic hydrophobic thermoplastic fibers and the absorbent core comprises from 5% to

95% of superabsorbent fibers and from 5% to 95% of synthetic thermoplastics fibers and the impervious backsheet is formed by heat fusing a web consisting essentially of heat fusible fibres.

(Compl. Specn. 12 Pages;

Drgn Sheet Nil)

Ind. Cl. : 32A1

184b02

Int. Cl.⁴ : C 09B 29/00

PROCESS FOR THE MANUFACTURE OF REACTIVE MONO AZO DYE COMPOUNDS.

Applicant : ZENECA LTD., A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, 9 MILLBANK, LONDON, SW1P 3JF, ENGLAND.

Inventors : KENNETH ANDERTON, ENGLAND.

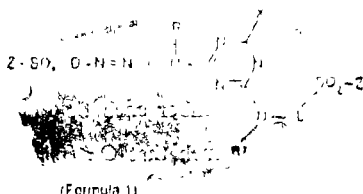
Application for Patent No. 1055/Del/91 filed on 31-10-91.

Convention Application No. 9025018.4/U.K./16-11-90.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A process for the manufacture of a reactive monoazo dye compound which, in the acid form, is of formula (I) :



wherein

Z is vinyl, or an ethyl group having a substituent at the 2-position which is capable of being eliminated in the presence of alkali to give a vinyl group;

D is substituted or unsubstituted phenylene or naphthalene;

K is the residue of a coupling component such as herein before described;

R¹ is H, C₁₋₄ alkyl or substituted C₁₋₄ alkyl;

R² is C₁₋₄ alkyl or substituted C₁₋₄ alkyl;

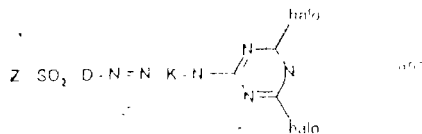
X is halo; and

L is substituted or unsubstituted phenylene;

which process comprises the steps in which :

- a compound of formula K-N (R¹) H is condensed, in the presence of alkali and at a temperature of 0-5°C, with a solution of a cyanuric halide to give a solution of a coupling component;
- a solution of compound of formula Z-SO₂-D-NH is converted into the corresponding diazonium salt by reaction with any conventional diazotising agent at 0-5°C, and in the presence of an acid, excess nitrous acid then being destroyed by addition of sulphamic acid;
- the coupling component from step (a) and the diazonium salt from step (b) are stirred together at a pH of about 4 to 5 and at 0-5°C;

- the pH of the mixture from step (c) is adjusted to pH 6 to 7 and the precipitated product filtered off and dried to give a dihalo triazinyl compound of the formula :



wherein each of Z, D and K is as defined above, and

- a compound of formula HN(R²)-L-SO₂-Z (wherein each of R², L and Z is as defined above) is condensed with the dihalo triazinyl compound from step (d), and the product of Formula (1) wherein X is halo is precipitated by addition of an alkali metal salt.

(Compl. Specn. 24 Pages;

Drgn. Sheet Nil)

Ind. Cl. : 170B

184603

Int. Cl.⁴ : C 11 D/A 47 K 5/00

"PROCESS FOR PRODUCING CONCENTRATED LIQUID DETERGENTS CONTAINING MAGNESIUM ALKYL BENZENE SULFONATE AND ALKANOLAMIDE".

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, UNITED STATES OF AMERICA.

Inventors :

GARY JOSEPH JAKUBICKI—U.S.A.

CARL SCHWARZ—U.S.A.

ALP JOHN URAY—U.S.A.

Application for Patent No. 1057/Del/91 filed on 31-10-91.

Appropriate office for opposition proceedings Rule 4, (Patents Rules 1972) Patent Office Branch, New Delhi-110005.

11 Claims

A process for the manufacture of concentrated liquid detergent composition containing :—

- a surfactant compound comprising a magnesium salt of a higher alkylbenzene sulfonic acid; the alkyl group of which contains 12—18 carbon atoms;
- a suds boosting agent selected from the group consisting of ethoxylated and non-ethoxylated alkyl mono- and di-C₁ to C₅ alkanolamides;
- alkali metal salt, alkaline earth metal salt or combinations thereof;
- hydrotrope;
- a liquid carrier, and, optionally
- one or more additives selected from chelating agents, coloring agents, dyes, perfumes, bactericides, fungicides, preservatives, sunscreens, agents, pH modifiers, pH buffering agents, opacifiers, antioxidants and proteins;

said process comprising :—

1. forming a mixture containnig 1 to 3 wt % of alkali metal salt, alkaline earth metal salt or combinations thereof, 3 to 10 wt % of hydrotrope, 5 to 10 wt % of suds boosting alkanolamide and stoichiometric amount of an active magnesium compound in 10 to 50 wt % of liquid carrier;
2. adding 30 to 50 wt % of alkylbenzene sulphonic acid to the mixture of step (1); and optionally
3. adding one or more conventional additives before or after or during step (1) or (2).

(Compl. Specn. : 18 Pages;

Drg. Sheet : Nil)

Ind. Cl. : 84B

184604

Int. Cl.⁴ : C 10 L 1/08

"A FUEL ADDITIVE COMPOSITION".

Applicant : THE LUBRIZOL CORPORATION, 29400 LAKEL AND BOULEVARD WICKLIFFE, OHIO 44092, UNITED STATES OF AMERICA.

Inventors :

EDWARD CASIMER MOZDZEN—U.S.A.

WILLIAM B. CHAMBERLIN—U.S.A.

BARBARA ANN SAITER—U.S.A.

Application for Patent No. 1064/Del/91 filed on 01-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office Branch, New Delhi-110 005.

23 Claims

A fuel additive composition comprising :—

- (a) an alkylene oxide condensate or an alcohol derivative thereof of the kind such as herein described and a member selected from the group consisting of;
- (b) a monocarboxylic fatty acid of the kind such as herein before described;
- (c) the reaction product of a hydrocarbyl substituted amine and formaldehyde;
- (d) a hydrocarbyl amine, or the reaction product thereof with an alkylene oxide, and mixture of any of B, C and D and optionally
- (e) a hydrocarbyl substituted dicarboxylic acid of the kind as herein before described and hydrocarbon solvent of the kind described herein before,

wherein the ratio of component A to components B or D are between 5:1 to 1:5; the inter se ratios of components B to E being 5:1 to 1:5; the ratio of component A to component C being 3:1 to 1:3; all ratios being in terms of weight.

(Compl. Specn. : 24 Pages;

Drg. Sheet : Nil)

Ind. Cl. : 163D

184605

Int. Cl.⁴ : B 23 F 15/08, F 16 H 4/00

"GEROTOR PUMPS".

Applicant : CONCENTRIC PUMPS LIMITED, A BRITISH COMPANY, OF UNIT 10, GRAVELLY INDUSTRIAL PARK, ERDINGTON, BIRMINGHAM B24 8HW, GREAT BRITAIN.

Inventor : STEVE HODGKIN—GREAT BRITAIN.

Application for Patent No. 1068/Del/91 filed on 04-11-91.

Convention Application No. 9024492.2/U.K./10-11-1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office Branch, New Delhi-110005.

5 Claims

A Gerotor pump preferably for use in internal combustion engines said pumps comprising a male rotor with n lobes located in and meshed with a female rotor having $n+1$ lobes so as to form a series of chambers between the lobes each bounded by lines of contact between the rotor lobes and the annulus, characterised in that said rotor is journaled on a boss (36) which is cylindrical about a main axis and which is mounted for pivotal movement about an axis eccentric to the main axis in that limit pins (42) are provided to control the extent of pivotal movement so that at the limits of the movement the said main axis is displaced 180° about the axis of eccentricity.

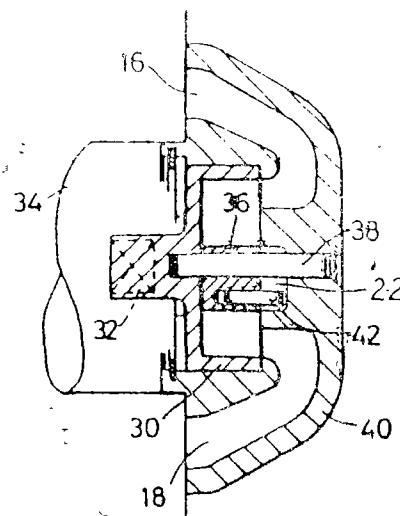


Fig. 2

(Compl. Specn. : 7 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 32B, 40F, 40B, 40H

184606

Int. Cl.⁴ : C 07 B 63/00, C 07 C 7/00, C 10 G 17/00, 27/00, 45/00

"A PROCESS FOR PREPARATION OF SWEET HYDROCARBONS FROM SOUR HYDROCARBON FRACTION".

Applicant : UOP, A COMPANY ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, WITH ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, U.S.A.

Inventors :

ROBERT ROY FRAME—U.S.A.

JEFFERY CHRISTOPHER BROCKER—U.S.A.

LAURENCE OLIVER STINE—U.S.A.

Application for Patent No. 1082/Del/91 filed on 11-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972). Patent Office Branch, New Delhi-110005.

4 Claims

A process for preparation of sweet hydrocarbons from sour hydrocarbon fraction containing tertiary mercaptans and secondary or primary mercaptans comprising :—

- (a) reacting mercaptans in said sour hydrocarbon fraction with hydrogen in the liquid phase and in the presence of a selective hydrogenolysis catalyst

as herein defined at hydrogenolysis conditions of temperature of 25–300°C, a pressure of 689 to 6894 kPa and a hydrogen concentration of 0.1 to 10 mole percent based on the total mercaptan sulfur concentration, to selectively hydrogenolyse the tertiary mercaptans; and

- (b) reacting the remaining mercaptans in the sour hydrocarbon fraction with conventional oxidising agent in the presence of a basic component selected from group containing ammonium hydroxide, alkali metal hydroxide & mixtures thereof, and an oxidation catalyst selected from metal chelate dispersed on an absorbent support, onium compounds or mixtures thereof, effecting the oxidation of the mercaptans to disulfides;

wherein the step (b) is carried out after step (a) or vice versa.

(Compl. Specn. : Pages; Drwg. Sheet : Nil)

Ind. Cl. : 154B

184607

Int. Cl.⁴ : C 14 B 1/56

"A DEVICE FOR LIFTING/LOWERING OF AN EMBOSsing PLATE USED IN AN EMBOSsing MACHINE".

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

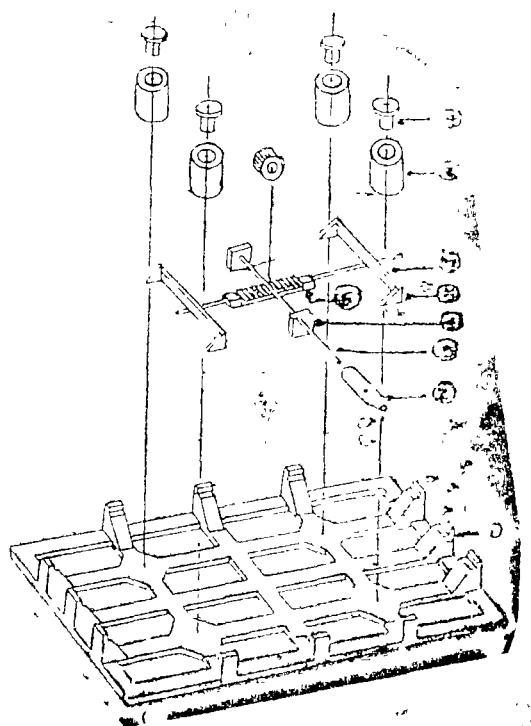
DURAI SWAMY LAKSHMANAN—INDIA
MEYAPPAN NEELAMEGAM—INDIA
DANIEL SIROMONEY ROOSEVELT—INDIA
DR. KANGAYAM SUBRAMANYA JAYARAMAN—INDIA

Application for Patent No. 1140/Del/91 filed on 22-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A device for lifting/lowering of an embossing plate used in an embossing machine, which comprises a frame (1) for holding an embossing plate, the said frame (1) having bearing blocks (4) fixed across its width at its centre, the bearing blocks (4) holding a shaft means (3) with means (2) for rotating it, the said shaft (3) having a pinion (3a) fixed to it at its centre, the said pinion on shaft (3) having a rack (6) across it forming a rack and pinion combination for converting rotary to linear motion, the said rack is provided with supporting blocks (7) at the ends for connecting shafts to wedges (5), shafts (9) in bushes (8) are placed on the said wedges (5) to effect lifting/lowering of embossing plate (not shown in drawing) placed on the shafts (9).



(Compl. Specn. : 8 Pages;

Drwg. : 1 Sheet)

Ind. Cl. : 136C

184608

Int. Cl.⁴ : B 29 C 47/00.

"AN EXTRUDER FOR PROCESSING AND PRODUCING RUBBER AND THERMOPLASTIC PLASTICS MATERIAL".

Applicant : HERMANN BERSTORFF MASCHINENBAU GMBH., A GERMAN COMPANY, OF AN DER BREITEN WIESE 3/5, 3000 HANNOVER 61, GERMANY.

Inventors :

GERD CAPELLE—GERMANY
GUNTHER MEIER—GERMANY

Application for Patent No. 1175/Del/91 filed on 29-11-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An extruder for processing and producing rubber and thermoplastic plastics material, comprising :

an elongated extruder housing (2) defining a feed section (9) in which a feed inlet (3) is provided for feeding material to the extruder, (1) and an outlet section (10) having a material outlet opening (4) for discharging molten material under pressure from the extruder, (1) an extruder screw (6) having a screw core and a helical flight, (12) said screw (6) being mounted for rotation in said housing (2) about the longitudinal axis of said screw, (6) said housing (2) and said screw core defining there between a processing chamber, (14) and means for driving (5) said screw.

said housing (2) having a pin-barrel section (7) in which at least one row of pins (11) extend radially inwardly of the housing (2) through the processing chamber (14) toward the core of said screw, (6) said helical flight (12) of said screw (6) being interrupted in the regions of said pins (11) so as to accommodate rotation of said screw (6) in such region, (7) and

Technical drawing of a mechanical assembly, likely a pump or engine component, showing a cross-section with various parts labeled with numbers 1 through 17. The drawing includes a detailed view of the internal structure and a smaller, simplified view below it.

Drawing Sheet 1)

184609

3 Claims

wherein the weight ratio of (i) : (ii) is from 4:1 to 400:1;

- ## 16 Claims

— backward moving mass (4) located in the said tube for ensuring the balance of the quantity of movements transmitted to the said rod.

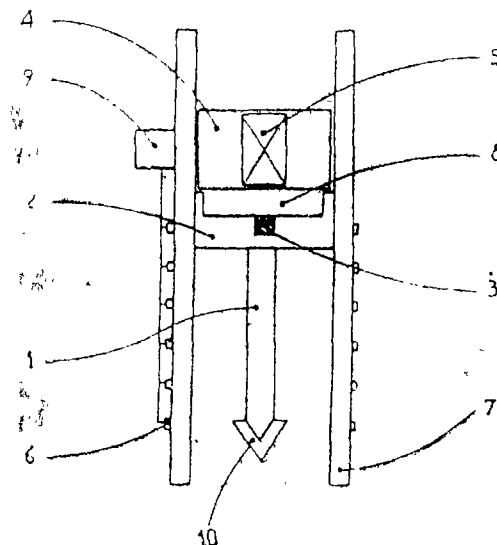


Figure.

Drawing Sheets 4)

Ind. Class : 27 I

184611

Int. Cl.⁴: E 04 B 1/38

SPACE FRAME NODE.

Applicant : SRINIDHI HIREMAGALUR ANANTHARAMAN, INDIAN NATIONAL, A RESIDENT OF 48, 17TH CROSS, 10 'A' MAIN, MALLESWARAM, BANGALORE-560055

Inventor: SRINIDHI HIREMAGALUR ANANTHARAMAN.

Application No. : 247/Mas/94 filed on 31st March 1994.

Complete Specification Left : 01st May 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

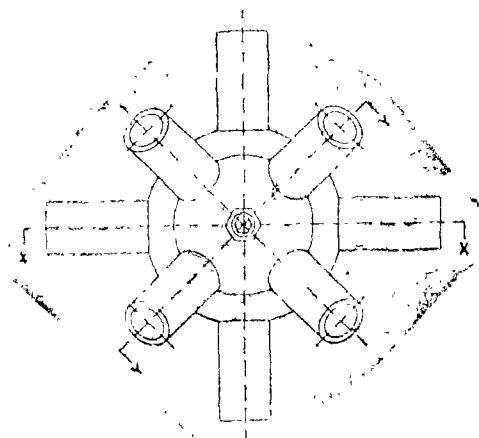
05 Claims

A space frame node having two to four individual components with two polar parts which are identically shaped as a segment of a sphere on one surface and conical on the other and having further four semi-cylindrical recesses and

two equatorial parts which are identically shaped as doughnuts with the mating surface between these components being flat and having four semi-cylindrical recesses, and

the second mating surface between the equatorial and polar parts components being shaped as an inverse cone and having further four semi-cylindrical recesses to match the recess of the polar component and

with the third surface forming part of the outer surface of the sphere, all assembled together with a single bolt through the central holes provided through all the components so as to hold upto 12 or less linear elements of space frame by a clamping force exerted through the central bolt.



(Prov. Specn.: 107 Pages; Com. Specn : 08 Pages
Drawings : 06 Sheets)

Ind. Cl : 27 I

184612

Int. Cl.⁴: E 04 B 1/09, 1/38.

AN IMPROVED SPACE FRAME SYSTEM.

Applicant : SRINIDHI HIREMAGALUR ANANTHARAMAN, AN INDIAN NATIONAL, A RESIDENT OF 48, 17TH CROSS, 10 'A' MAIN, MALLESWARAM, BANGALORE-560055.

Inventor: SRINIDHI HIREMAGALUR ANANTHARAMAN.

Application No. 248/Mas/94 filed on 31st March '94.

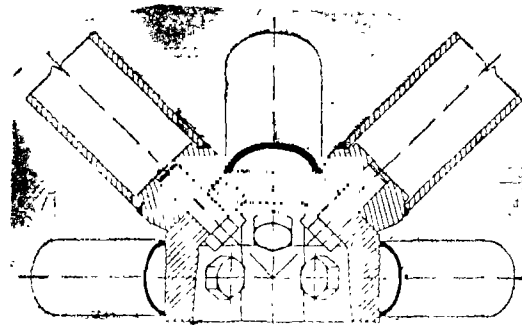
Complete Specification Left : 01st May, 1995.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

An improved space frame system with linear elements connected to a hollow node with the inner and outer shape being of a cutaway truncated octahedron or any regular polyhedron form with holes drilled normal to the faces,

the said node being open at one end, or at times the said open end being capped, and the said cap, making the node into a fully truncated octahedron, and the said cap also optionally being provided with holes to hold linear elements, wherein each hole is normal to faces.



SECTION XX (FIG 3)

(Prov. Specn. 8 pages; Com. Specn. 9 pages; Ding. 4 sheets)

Ind. Cl : 14A2, 70B.

184613

Int. Cl.⁴: H 01 M 4 00

A ROLL COMPACTED IRON ELECTRODE.

Applicant : INDIAN INSTITUTE OF SCIENCE, BANGALORE-560012, KARNATAKA, INDIA, AN INDIAN INSTITUTE.

Inventors :

1. A. K. SHUKLA.

2. T. S. BALASUBRAMANIAN.

Application No 255/Mas/94 filed on 4th April 1994.

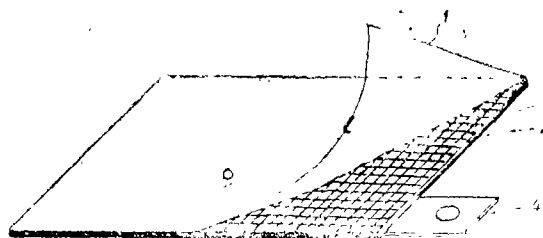
Post dated to 29-6-1994.

Complete specification Left : 11th September 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A roll compacted iron electrode comprising a roll compacted iron electrode sheet and nickel mesh having a layer of iron active material sandwiched therebetween, a nickel tap being provided at one end of said electrode for collecting current from the battery.



(Prov. Specn. 5 pages; Compl. Specn. 8 pages; Drgs. 2 sheets)

Ind. Cl. : 40 F.

184614

Int. Cl.⁴ : C 22 C - 29/00, 1/00.

A PROCESS FOR THE PRODUCTION OF COMPOSITE MATERIAL FOR USE IN METAL CUTTING OPERATIONS OR AS HIGH TEMPERATURE MATERIAL.

Applicant : KRUPP WIDIA GMBH, MUNCHENER STRASSE 90, D-4300, ESSEN 1, GERMANY, AN ORGANISATION DULY CONSTITUTED AND EXISTING UNDER THE LAWS OF GERMANY.

Inventors :

1. MR. HANS KOLASKA
2. DR. KLAUS RODIGER
3. MS. DR. MONIKA WILLERT—PORADA
4. MR. THORSTEN GERDERS.

Application No. 320/Mas/94 filed on 21 April 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

27 Claims

A process for the production of composite material for use in metal cutting operations or as high temperature material, the said composite material mainly consisting of a ceramic material with a binder metal phase of 5 to 30 mass%, the rest being at least one carbide phase or a carbide with hard material phase of 70 to 100%, rest being binder metal phase, excepting a tungsten carbide-cobalt-carbide with up to a 8 mass % cobalt as binder metal or a powder-metalurgically produced steel, said process being characterised in that the said composite material is produced by sintering in a microwave field.

(Compl. Specn. 20 pages;

Drgn. Nil sheet)

Ind. Cl. : 32 F2.

184615

Int. Cl.⁴ : C 07 C 126/02.

A CONTINUOUS PROCESS AND A PLANT FOR PRODUCING UREA.

Applicant : UREA CASALE S. A., A SWISS COMPANY, VIA SORENGO 7, CH-6900, LUGANO-BESSO, SWITZERLAND.

Inventor : 1. GIORGIO PAGANI.

Application No. 365/Mas/94 filed on 3rd May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

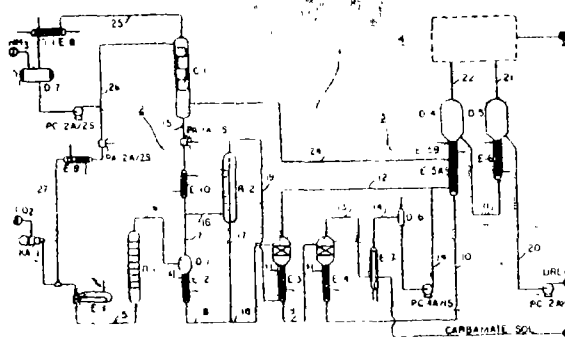
14 Claims

A continuous process of producing urea comprising the steps of :

- reacting substantially pure ammonia and carbon dioxide in a first reaction space to obtain a first reaction mixture of urea and carbamate;
- subjecting said first reaction mixture to thermal decomposition treatment of the carbamate to obtain (a) a vapour phase containing ammonia and carbon dioxide and (b) an independent liquid phase containing urea, undecomposed carbamate and free ammonia in aqueous solution;
- feeding said vapour phase containing ammonia and carbon dioxide to a second reaction space;
- feeding said liquid phase containing urea and undecomposed carbamate and free ammonia to a urea recovery section to obtain independent flows of urea, ammonia and carbamate;
- recycling said carbamate to said second reaction space; and

— reacting said ammonia and carbon dioxide obtained from the thermal decomposition treatment and the recycled carbamate in the second reaction space to obtain a second reaction mixture;

wherein the ammonia/carbon dioxide molar ratio and the reaction temperature in said second reaction space, are independently controlled by respectively regulating the temperature of said thermal decomposition treatment and the temperature of said recycled carbamate flow.



(Compl. Specn. 19 pages;

Drg. 1 sheet)

Ind. Cl. : 39 E & 32 D.

184616

Int. Cl.⁴ : B 01 J 31/38 & C 08 F 4/64.

A PROCESS FOR THE PRODUCTION OF OLEFIN HOMO AND COPOLYMERS FROM OLEFIN MONOMERS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-65926 FRANKFURT AM MAIN, GERMANY, A GERMAN COMPANY.

Inventors :

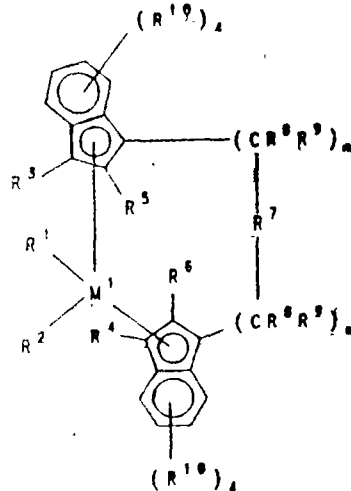
1. TERRY JOHN BURKHARDT
2. JEFFREY LAWRENCE BRINEN
3. GREGORY GEORGE HLATKY
4. WALTER SPALECK
5. ANDREAS WINTER.

Application No. 430/Mas/94 filed on 23rd May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

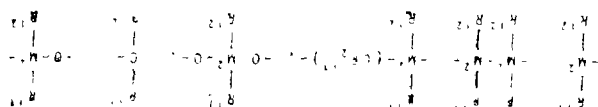
1. A process for the production of olefin homo and copolymers from olefin monomers having 2 to 20 carbon atoms comprising polymerising olefin monomers and mixtures thereof under known polymerisation condition in the presence of a catalyst system consisting of a reaction product of one or more metallocene(s) and alumoxane, said reaction product obtained by contacting said metallocene component(s) and alumoxane in a known medium solvent, said metallocene represented by the general formula :



wherein : M^1 is a metal of group 4, 5, or 6 of the Periodic Table, R^1 and R^2 are identical or different, are one of a hydrogen atom, a C_1-C_{10} alkyl group, a C_1-C_{10} alkoxy group, a C_6-C_{10} aryl group, a C_6-C_{10} aryloxy group, a C_2-C_{10} alkenyl group, a C_7-C_{40} arylalkyl group, a C_7-C_{40} alkylaryl group, a C_8-C_{40} arylalkenyl group, or a halogen atom; R^3 and R^4 are hydrogen atoms;

R^5 and R^6 are identical or different, preferably identical, are one of a halogen atom, C_1-C_{10} alkyl group, which may be halogenated, a C_6-C_{10} aryl group, which may be halogenated, a C_2-C_{10} alkenyl group, a C_7-C_{40} arylalkyl group, a C_7-C_{40} alkylaryl group, a C_8-C_{40} arylalkenyl group, a $-NR_2^{15}$, $-SR^{15}$, $-OR^{15}$, $-OSiR_3^{15}$ or $-PR_2^{15}$ radical, wherein R^{15} is one of a halogen atom, a C_1-C_{10} alkyl group, or a C_6-C_{10} aryl group;

R^7 is



$=BR^{11}$, $=AlR^{11}$, $-Ge-$, $-Sn-$, $-O-$, $-S-$, $=SO$, $=SO_2$, $=NR^{11}$, $=CO$, PR^{11} , or $=P(O)R^{11}$;

wherein :

R^{11} , R^{12} and R^{13} are identical or different and are a hydrogen atom, a halogen atom, a C_1-C_{20} alkyl group, a C_1-C_{20} fluoroalkyl group, a C_6-C_{30} aryl group, a C_6-C_{30} fluoroaryl group, a C_1-C_{20} alkoxy group, a C_2-C_{20} alkenyl group, a C_7-C_{40} arylalkyl group, a C_7-C_{40} alkylaryl group, a C_8-C_{40} arylalkenyl group, or R^{11} and R^{12} , or R^{11} and R^{13} , together with the atoms binding them, can form ring systems;

M^2 is silicon, germanium or tin or a derivative thereof;

R^8 and R^9 are identical or different and have the meanings as stated for R^{11} ;

m and n are identical or different and are zero, 1 or 2, m plus n being zero, 1 or 2; and the radicals R^{10} are identical or different and have the meanings stated for R^{11} , R^{12} and R^{13} wherein further two adjacent R^{10} radicals can be joined together to form a ring system;

supported on a known porous support, the second catalyst system optionally containing prepolymerised olefinic monomers and recovering the polymer from the reaction stream by known methods.

Comp. Spen. 40 pages;

Drgs. Nil Sheet

Ind. Cl. : 206 E

184617

Int. Cl.⁴ : G 06 F 3/02

"A COMPUTER KEYBOARD".

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, A COMPANY ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF NEW YORK, USA OF ARMONK, NEW YORK 10504, USA.

Inventor : RICHARD FRANCIS POLLITT.

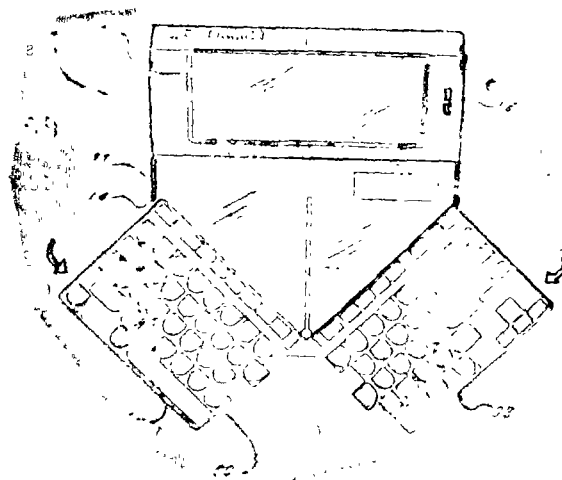
Application No. 1168/Mas/94 filed on 24th November 1994.

Divisional to Patent Application No. 689/Mas/91. Antedated to : 11-09-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Officer, Chennai Branch.

4 Claims

A computer keyboard comprising first and second keyboard portions each bearing on an upwardly exposed surface thereof keys arranged in rows and staggered columns for entering characters and commands, said portions being operatively coupled together for pivotal movement one relative to the other about a keyboard axis perpendicular to said surface between a non-use stored position and an elongate, opened use position in which said rows of keys on said portions are aligned, said keyboard having, when moved to said stored position, outline dimensions more nearly approximating a square than is the case when said keyboard is moved to said elongate, use position.



(Comp. Specn. : 20 pages;

Drgs. : 5 sheets)

Ind. Cl. : 55 E₁ & D₁

184618

Int. Cl.⁴ : A 01 N 65/00

"A PROCESS FOR PREPARING A HERBAL ECTOPARASITICIDE COMPOSITION".

Applicant : RAVINDRA KUMAR AGARWAL, AN INDIAN CITIZEN, S/O. LATE SRI RAM LAL AGARWAL, RESIDENT OF 582, 10th CROSS, J. P. NAGAR, III PHASE, BANGALORE-560078, KARNATAKA, INDIA.

Inventor : RAVINDRA KUMAR AGARWAL.

Application No. : 1569/Mas/95 filed on 1st Dec. 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

06 Claims

A process for the preparation of a herbal ectoparasiticide composition comprising taking the base, consisting sodium lauryl ethylene sulphate (SLES) 30–60% w/w and poly quaternium 0.5–2.0% w/w the conditioning agent in a stainless steel corrosion resistant steam jacketed vessel and heating it up to 40–50°C for 10–15 minutes under constant stirring to which the premelted emulsifier mix is added consisting ethylene glycol mono stearate (EGMS) (0.9–4.0% w/w), polysorbate 20 (2–6% w/w), polyethylene glycol distearate (1.5–5.0% w/w) to which rectified oil, extracted from the trees belonging to family Pinaceae such as herein described 2–4% w/w, the essential of Cymbopogon citratus (Lemon grass oil) (0.25–0.45% w/w) and the anti-oxidant preservative butylated hydroxy toluene (BHT) (0.05%–0.1% w/w) are added and mixed thoroughly to which the foaming agents sodium lauryl sulphate (SLS) (2–4% w/w) and cocodiethanol amide (1–4% w/w) are added and again mixed thoroughly, the said mixture is then allowed to cool down to room temperature to which a preservative solution, consisting of bronopol (2-propano-2-nitro-propane-1,3-diol) in (0.05–0.1% w/w), imid urea in (0.05–0.1% w/w) dissolved in demineralised water and 2-phenoxy ethanol 0.5–2.0% w/w is added under constant stirring, to which finally the colour solution is added using sufficient quantity of water (Quantity Sufficient to 100) to obtain the final product i.e. in the form of medicated shampoo. (All percentages mentioned above are related to final product composition).

(Comp. Specn. : 7 pages:

Drgs. : Nil sheets)

Ind. Cl. : 173 B

184619

Int. Cl.⁴ : B 05 B 11/04 and A 01 M 15/00

"A DEVICE FOR CONTROLLING OR REPELLING HARMFUL INSECTS".

Applicant : SUMITOMO CHEMICAL COMPANY, LIMITED, 5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA-FU, JAPAN, A JAPANESE COMPANY.

Inventor : TAKAO ISHIWATARI.

Application No. 1835/MAS/97 filed on 20th August 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A device for controlling or repelling insects comprising at least one support member such as herein described, having at least one through hole therethrough, the said support member having a ratio of a surface area to volume ranging from 1 to 20cm⁻¹, the surface area defining the total outside and inside surfaces exposed to air and the volume is determined by the external contour of support, the said support member capable of housing a volatile insect repeller or volatile insect repellent compound such as herein described.

(Comp. Specn. : 13 pages;

Drgs. : 2 sheets)

Ind. Cl. : 32 F 3C

184620

Int. Cl.⁴ : C 12 P 23/00

A PROCESS FOR THE PREPARATION OF ZEAXANTHIN.

Applicant : F HOFFMANN-LA ROCHE AG, OF 124 GRENZACHERSTRASSE, CH-4070 BASLE, SWITZERLAND, A SWISS COMPANY.

Inventors :

1. LUIS PASAMONTES.
2. YURI TSYGANKOF.

Application No. 2752/Mas/97 filed on 1st December 1997.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for the preparation of zeaxanthin by culturing under suitable culture conditions a cell which is transformed by a DNA sequence comprising the following DNA sequences :

- (a) a DNA sequence which encodes the GGPP synthase of Flavobacterium sp. R1534 (crtE) or a DNA sequence which is substantially homologous;
- (b) a DNA sequence which encodes the prephytyene synthase of Flavobacterium sp. R1534 (crtB) or a DNA sequence which is substantially homologous;
- (c) a DNA sequence which encodes the phytyene desaturase of Flavobacterium sp. R1534 (crtI) or a DNA sequence which is substantially homologous;
- (d) a DNA sequence which encodes the lycopene cyclase of Flavobacterium sp. R1534 (crtY) or a DNA sequence which is substantially homologous;
- (e) a DNA sequence which encodes the β -carotene hydroxylase of the microorganism E-396 (FERM BP-4283) (crtZE396) or a DNA sequence which is substantially homologous; and

by isolating zeaxanthin from the cell or the culture medium and separating it from other carotenoids which might be present by methods known in the art.

(Compl. Specn. 58 Pages;

Drgns. 74 Sheets)

CLAIM UNDER SECTION 20 (1) OF THE PATENT'S ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patent's Act, 1970, the application No. 42/Cal/95 (182665) made by Tridibendra Narayan Misra & Biswanath Mallick has been allowed to proceed in the name of National Research Development Corporation.

LEAVE GRANTED UNDER RULE 123 OF THE PATENT'S RULE, 1972

In pursuance of leave granted under Rule 123 of the patent's Rule, 1972, the application No. 126/Cal/94 (180885) made by Mitsui Petrochemical Industries Ltd. on 03-03-1994 has been allowed to proceed in the name of Mitsui Petrochemical, Inc

AMENDMENT UNDER SECTION 78(3) OF THE PATENTS ACT, 1970 IN RESPECT OF THE APPLICATION FOR PATENT NO 416/DEL/90 (177270)

In pursuance with the power vested to the Controller under section 78(3) of the Patents Act, 1970, the following amendments have been made in respect of the application for Patent No. 177270 (416/Del/90).

In the complete specification of the page 10 at the end insert the following paragraph that the,

"The product as obtained by the process is neither used nor capable of being used as Food or drug.

PATENT SEALED ON 11-08-2000

181094* 182510 183531 183532 183533 183534 183536 183542
183543 183545 183546 183547 183548*

CAL-13, DEL-NIL, MUM-NIL, CHEN-NIL.

*Patent shall be deemed to be endorsed with words Licence of Right Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

D-Drug Patents

F-Food Patents

RENEWAL FEES PAID

170641 182204 168114 171867 178422 172865 173264 174466
177343 178792 181953 181388 175585 175624 175652 175765
176233 175648 175649 181818 175625 177629 177437 178758
177471 170862 182032 171868 175839 174920 181868 179025
172800 176225 183134 176307 178760 180772 169679 172529
181342 183142 183230 183274 183275 183368 183449 173242
176320 174291 177522 177479 179359 179654 181749 181924
182052 182333 182998 183132 183133 183236 183407 181520
183202 182106 177500 175974

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 179795, M/s. Chawla Industries, 641/1, Anand Parbat, Industrial Area, New Delhi-110005, India.
"Butterfly valves made of metal", 28 June 1999.

Class 3. No. 179210 to 179218, D.K. Electricals, 101, Manish Industrial Estate No. 1, Vasai Road (East), Thane-401210, Maharashtra, India. "Electric Switch", 7 April 1999.

Class 3. No. 179267, Biyani Electricals Limited, 8, Sanu Manzil, 1st floor, 3rd Marine Street, Dhobi Talao, Mumbai-400002, Maharashtra, India. "Electric Switch", 19 April 1999.

Class 3. No. 179268, Cona Industries, 20/21, Neeraj Industrial Estate, off Mahakali Caves Road, Andheri East, Mumbai-400093, Maharashtra, India. "Electric Switch", 19 April 1999.

Class 4. No. 175403, M/s. Glass & Ceramic Decorators, Prop. the Kohinoor Glass Factory Ltd., 9-B, Dr. E. Moses Road, P.O. Box No. 6251, Mumbai-400011. "Bottle", 31 December 1997.

Class 10. No. 179266, Liberty Enterprises, Liberty Extension, Railway Road, Karnal-132001, Haryana, India. "Sole", 19 April 1999.

Class 10. No. 179926, M/s. Dhupar Shoe Aid (P) Ltd., An Indian company, 7/82, Tilak Nagar, (U.P.), India. "Sole of Footwear", 16 July 1999.

Class 13. No(s). 179537 to 179551, Jam Design Centre, Laxmi Narayan Lane, Near Kabutar Khana, Matunga (C.R.), Mumbai-400019, Maharashtra, India. "Textile Fabric", 25 May 1999.

N. R. SETH

Dy. Controller of Patents & Designs

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